

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001133.D
 Acq On : 02 Jan 2020 12:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:12:21 AM

Quant Time: Jan 02 13:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:52:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	365853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	621080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	425389	137.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.50%	
35) Dibromofluoromethane	7.73	113	470385	130.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	260.54%	
50) Toluene-d8	10.18	98	1877109	144.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.96%	
62) 4-Bromofluorobenzene	12.48	95	614660	121.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	402284	149.179	ug/l	96
3) Chloromethane	2.12	50	299936	162.652	ug/l	99
4) Vinyl Chloride	2.25	62	313287	168.092	ug/l	96
5) Bromomethane	2.62	94	182552	129.125	ug/l	96
6) Chloroethane	2.79	64	197818	153.996	ug/l	99
7) Trichlorofluoromethane	3.12	101	693421	132.939	ug/l	97
8) Diethyl Ether	3.53	74	324613	186.352	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	542838	173.063	ug/l	98
10) Methyl Iodide	4.10	142	896903	182.958	ug/l	99
11) Tert butyl alcohol	4.97	59	231377	765.448	ug/l	100
12) 1,1-Dichloroethene	3.88	96	562354	173.913	ug/l	94
13) Acrolein	3.73	56	238707	1022.475	ug/l	99
14) Allyl chloride	4.49	41	622474	173.195	ug/l	100
15) Acrylonitrile	5.17	53	689859	864.814	ug/l	99
16) Acetone	3.95	43	463373	834.427	ug/l	94
17) Carbon Disulfide	4.19	76	1779244	182.869	ug/l	99
18) Methyl Acetate	4.49	43	319644	179.750	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	1351195	166.234	ug/l	98
20) Methylene Chloride	4.72	84	591446	147.047	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	606918	161.218	ug/l	94
22) Diisopropyl ether	6.13	45	1222429	165.488	ug/l	97
23) Vinyl Acetate	6.07	43	3884251	840.521	ug/l	99
24) 1,1-Dichloroethane	6.03	63	855854	168.088	ug/l	98
25) 2-Butanone	7.00	43	705842	732.995	ug/l	99
26) 2,2-Dichloropropane	6.99	77	795316	140.413	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	654830	145.505	ug/l	100
28) Bromochloromethane	7.35	49	299967	154.920	ug/l	99
29) Tetrahydrofuran	7.35	42	477713	738.593	ug/l	98
30) Chloroform	7.52	83	914332	143.109	ug/l	100
31) Cyclohexane	7.79	56	814295	132.592	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	840295	140.475	ug/l	99
36) 1,1-Dichloropropene	7.92	75	747915	135.862	ug/l	99
37) Ethyl Acetate	7.08	43	321167	141.082	ug/l	98
38) Carbon Tetrachloride	7.91	117	781092	136.680	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001133.D
 Acq On : 02 Jan 2020 12:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:12:21 AM

Quant Time: Jan 02 13:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:52:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1050623	138.098	ug/l	97
40) Benzene	8.17	78	2293163	135.200	ug/l	100
41) Methacrylonitrile	7.33	41	174902m	67.598	ug/l	
42) 1,2-Dichloroethane	8.25	62	547052	135.576	ug/l	99
43) Isopropyl Acetate	8.28	43	632905	141.578	ug/l	100
44) Trichloroethene	8.94	130	674004	132.391	ug/l	95
45) 1,2-Dichloropropane	9.22	63	513761	136.594	ug/l	97
46) Dibromomethane	9.31	93	307920	139.438	ug/l	98
47) Bromodichloromethane	9.50	83	721740	146.402	ug/l	98
48) Methyl methacrylate	9.30	41	269687	141.622	ug/l	98
49) 1,4-Dioxane	9.30	88	90218	2703.103	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1543908	737.154	ug/l	100
52) Toluene	10.25	92	1440898	140.290	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	767432	149.549	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	890705	147.399	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	460169	145.063	ug/l	96
56) Ethyl methacrylate	10.51	69	617408	153.252	ug/l	98
57) 1,3-Dichloropropane	10.79	76	749633	152.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	983204	665.801	ug/l	98
59) 2-Hexanone	10.83	43	1092417	779.265	ug/l	100
60) Dibromochloromethane	10.99	129	553037	153.727	ug/l	100
61) 1,2-Dibromoethane	11.09	107	456249	148.484	ug/l	99
64) Tetrachloroethene	10.72	164	661001	129.134	ug/l	99
65) Chlorobenzene	11.52	112	1562985	135.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	543439	133.584	ug/l	99
67) Ethyl Benzene	11.59	91	2688072	133.658	ug/l	100
68) m/p-Xylenes	11.70	106	2078003	260.279	ug/l	100
69) o-Xylene	12.03	106	972936	128.051	ug/l	100
70) Styrene	12.04	104	1652575	128.579	ug/l	99
71) Bromoform	12.20	173	326507	136.812	ug/l	99
73) Isopropylbenzene	12.33	105	2567889	142.264	ug/l	100
74) N-amyl acetate	12.14	43	518612	153.434	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	472374	149.227	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	337138m	76.502	ug/l	
77) Bromobenzene	12.61	156	617225	141.281	ug/l	98
78) n-propylbenzene	12.67	91	3024544	141.618	ug/l	100
79) 2-Chlorotoluene	12.75	91	1665557	140.778	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2069759	134.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	192909	161.314	ug/l	97
82) 4-Chlorotoluene	12.85	91	1709104	140.499	ug/l	99
83) tert-Butylbenzene	13.07	119	1803369	137.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2069637	134.138	ug/l	99
85) sec-Butylbenzene	13.25	105	2515106	137.246	ug/l	99
86) p-Isopropyltoluene	13.37	119	2167696	130.324	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1069941	129.053	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1113513	134.182	ug/l	99
89) n-Butylbenzene	13.69	91	2094397	134.843	ug/l	100
90) Hexachloroethane	13.96	117	432921	142.453	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	1017948	134.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	79408	140.892	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
Data File : VY001133.D
Acq On : 02 Jan 2020 12:29
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
1/3/2020 11:12:21 AM

Quant Time: Jan 02 13:11:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 02 12:52:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	700302	134.550	ug/l	97
94) Hexachlorobutadiene	15.11	225	338042	127.169	ug/l	98
95) Naphthalene	15.23	128	1656818	140.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	630917	135.627	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

