

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003457.D
 Acq On : 05 Oct 2020 16:34
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:42 PM

Quant Time: Oct 06 04:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	506380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	713693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	684374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	382216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	513404	106.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.14%	
35) Dibromofluoromethane	7.72	113	448943	106.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.72%	
50) Toluene-d8	10.18	98	1848006	111.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.46%	
62) 4-Bromofluorobenzene	12.48	95	654834	114.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	229.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	407248	99.711	ug/l	100
3) Chloromethane	2.12	50	559409	99.426	ug/l	99
4) Vinyl Chloride	2.25	62	622456	109.485	ug/l	98
5) Bromomethane	2.64	94	489876	111.051	ug/l	98
6) Chloroethane	2.79	64	347452	97.427	ug/l	99
7) Trichlorofluoromethane	3.13	101	702773	92.662	ug/l	99
8) Diethyl Ether	3.53	74	235318	89.760	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	389493	86.906	ug/l	99
10) Methyl Iodide	4.10	142	355136	73.876	ug/l	100
11) Tert butyl alcohol	4.96	59	216337	418.138	ug/l	99
12) 1,1-Dichloroethene	3.88	96	389223	89.396	ug/l	97
13) Acrolein	3.73	56	219364	434.958	ug/l	99
14) Allyl chloride	4.49	41	699787	94.668	ug/l	99
15) Acrylonitrile	5.18	53	565926	435.979	ug/l	98
16) Acetone	3.95	43	614398	512.559	ug/l	99
17) Carbon Disulfide	4.20	76	1256677	88.391	ug/l	99
18) Methyl Acetate	4.48	43	279165	89.144	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	1059870	88.240	ug/l	97
20) Methylene Chloride	4.72	84	448759	56.490	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	454282	91.524	ug/l	98
22) Diisopropyl ether	6.13	45	1312776	86.060	ug/l	98
23) Vinyl Acetate	6.07	43	4925896	484.740	ug/l	99
24) 1,1-Dichloroethane	6.02	63	798184	92.150	ug/l	99
25) 2-Butanone	6.99	43	884422	489.269	ug/l	98
26) 2,2-Dichloropropane	6.99	77	719678	93.008	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	510950	93.600	ug/l	99
28) Bromochloromethane	7.34	49	411744	116.017	ug/l	100
29) Tetrahydrofuran	7.35	42	514260	443.969	ug/l	99
30) Chloroform	7.51	83	818267	94.859	ug/l	98
31) Cyclohexane	7.78	56	686981	82.838	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	749957	95.173	ug/l	100
36) 1,1-Dichloropropene	7.92	75	650180	97.120	ug/l	100
37) Ethyl Acetate	7.08	43	384353	100.040	ug/l	99
38) Carbon Tetrachloride	7.91	117	686568	99.330	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003457.D
 Acq On : 05 Oct 2020 16:34
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:42 PM

Quant Time: Oct 06 04:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	749123	92.855	ug/l	99
40) Benzene	8.16	78	1863286	99.794	ug/l	100
41) Methacrylonitrile	7.33	41	244689m	114.151	ug/l	
42) 1,2-Dichloroethane	8.24	62	585518	102.100	ug/l	100
43) Isopropyl Acetate	8.28	43	737746	101.607	ug/l	99
44) Trichloroethene	8.94	130	540662	100.492	ug/l	99
45) 1,2-Dichloropropane	9.22	63	473910	97.423	ug/l	98
46) Dibromomethane	9.30	93	267424	97.549	ug/l	99
47) Bromodichloromethane	9.50	83	659441	100.055	ug/l	99
48) Methyl methacrylate	9.29	41	356504	107.725	ug/l	99
49) 1,4-Dioxane	9.30	88	62265	1779.072	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1962051	513.769	ug/l	98
52) Toluene	10.24	92	1220510	103.853	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	722953	102.637	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	797761	100.367	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	385813	100.443	ug/l	97
56) Ethyl methacrylate	10.51	69	550328	103.562	ug/l	99
57) 1,3-Dichloropropane	10.79	76	671102	100.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1391914	552.643	ug/l	100
59) 2-Hexanone	10.83	43	1417042	531.459	ug/l	99
60) Dibromochloromethane	10.99	129	495955	102.544	ug/l	100
61) 1,2-Dibromoethane	11.09	107	372236	99.730	ug/l	100
64) Tetrachloroethene	10.72	164	600523	104.331	ug/l	97
65) Chlorobenzene	11.52	112	1346069	100.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	519498	100.035	ug/l	99
67) Ethyl Benzene	11.59	91	2464253	102.364	ug/l	99
68) m/p-Xylenes	11.70	106	1885559	207.297	ug/l	99
69) o-Xylene	12.03	106	886493	104.220	ug/l	99
70) Styrene	12.04	104	1529175	104.904	ug/l	100
71) Bromoform	12.20	173	347745	102.708	ug/l #	99
73) Isopropylbenzene	12.33	105	2424841	99.307	ug/l	100
74) N-amyl acetate	12.14	43	705169	98.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	452654	94.008	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	317216m	93.198	ug/l	
77) Bromobenzene	12.61	156	628008	100.757	ug/l	99
78) n-propylbenzene	12.67	91	2850631	97.806	ug/l	100
79) 2-Chlorotoluene	12.75	91	1589940	97.961	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2051915	99.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	177150	98.464	ug/l	98
82) 4-Chlorotoluene	12.85	91	1669486	98.930	ug/l	100
83) tert-Butylbenzene	13.07	119	1776342	99.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2088620	101.063	ug/l	99
85) sec-Butylbenzene	13.25	105	2450041	98.761	ug/l	100
86) p-Isopropyltoluene	13.36	119	2356687	101.171	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1208973	101.297	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1175898	100.074	ug/l	99
89) n-Butylbenzene	13.69	91	2122158	97.145	ug/l	99
90) Hexachloroethane	13.95	117	369577	85.487	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	1072279	101.629	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	82800	104.025	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
Data File : VY003457.D
Acq On : 05 Oct 2020 16:34
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:42 PM

Quant Time: Oct 06 04:13:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 06 04:02:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	792746	105.359	ug/l	99
94) Hexachlorobutadiene	15.11	225	498926	100.534	ug/l	99
95) Naphthalene	15.23	128	1473800	114.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	696651	113.217	ug/l	100

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

