

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001151.D
 Acq On : 10 Jan 2020 16:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY011020

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:39:11 PM

Quant Time: Jan 10 18:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	408816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	355498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	128466	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.72	113	118286	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.18	98	481979	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.48	95	181903	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	102073	55.562	ug/l	98
3) Chloromethane	2.12	50	137899	52.076	ug/l	98
4) Vinyl Chloride	2.26	62	143686	53.861	ug/l	100
5) Bromomethane	2.65	94	79833	55.712	ug/l	98
6) Chloroethane	2.80	64	81777	53.060	ug/l	98
7) Trichlorofluoromethane	3.13	101	206008	55.478	ug/l	96
8) Diethyl Ether	3.53	74	78904	54.685	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	133015	55.650	ug/l	99
10) Methyl Iodide	4.10	142	184830	56.495	ug/l	100
11) Tert butyl alcohol	4.96	59	63278	248.935	ug/l	98
12) 1,1-Dichloroethene	3.88	96	134490	54.997	ug/l	98
13) Acrolein	3.74	56	51433	224.756	ug/l	99
14) Allyl chloride	4.49	41	231151	56.006	ug/l	99
15) Acrylonitrile	5.17	53	192255	266.420	ug/l	99
16) Acetone	3.96	43	159056	271.082	ug/l	99
17) Carbon Disulfide	4.19	76	445279	56.260	ug/l	100
18) Methyl Acetate	4.49	43	96540	49.765	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	367309	54.302	ug/l	100
20) Methylene Chloride	4.72	84	146608	54.066	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	152678	55.063	ug/l	99
22) Diisopropyl ether	6.13	45	466459	55.335	ug/l	98
23) Vinyl Acetate	6.07	43	1497252	277.721	ug/l	100
24) 1,1-Dichloroethane	6.03	63	256553	55.592	ug/l	98
25) 2-Butanone	6.99	43	246652	270.101	ug/l	99
26) 2,2-Dichloropropane	6.99	77	232153	54.704	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	165670	54.527	ug/l	99
28) Bromochloromethane	7.34	49	104341	55.059	ug/l	99
29) Tetrahydrofuran	7.36	42	167447	267.570	ug/l	98
30) Chloroform	7.52	83	246991	54.622	ug/l	100
31) Cyclohexane	7.79	56	258445	52.892	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	220023	54.839	ug/l	99
36) 1,1-Dichloropropene	7.93	75	206105	55.314	ug/l	99
37) Ethyl Acetate	7.08	43	115138	52.652	ug/l	99
38) Carbon Tetrachloride	7.91	117	190054	55.656	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001151.D
 Acq On : 10 Jan 2020 16:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY011020

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:39:11 PM

Quant Time: Jan 10 18:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	278962	55.223	ug/l	98
40) Benzene	8.17	78	601653	55.315	ug/l	99
41) Methacrylonitrile	7.33	41	58201m	56.660	ug/l	
42) 1,2-Dichloroethane	8.24	62	168931	55.467	ug/l	100
43) Isopropyl Acetate	8.28	43	226053	54.060	ug/l	99
44) Trichloroethene	8.94	130	158658	55.980	ug/l	96
45) 1,2-Dichloropropane	9.22	63	147401	54.817	ug/l	98
46) Dibromomethane	9.31	93	79303	54.053	ug/l	100
47) Bromodichloromethane	9.50	83	197130	55.133	ug/l	99
48) Methyl methacrylate	9.30	41	103671	53.576	ug/l	98
49) 1,4-Dioxane	9.30	88	20889	1169.130	ug/l #	85
51) 4-Methyl-2-Pentanone	10.07	43	565500	266.525	ug/l	100
52) Toluene	10.24	92	379932	54.767	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	221058	55.250	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	249728	55.359	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	117527	54.035	ug/l	98
56) Ethyl methacrylate	10.51	69	181147	54.446	ug/l	99
57) 1,3-Dichloropropane	10.79	76	205899	55.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	266501	227.745	ug/l	99
59) 2-Hexanone	10.83	43	404608	272.099	ug/l	100
60) Dibromochloromethane	10.99	129	135848	54.247	ug/l	100
61) 1,2-Dibromoethane	11.09	107	114313	53.825	ug/l	100
64) Tetrachloroethene	10.72	164	126051	55.005	ug/l	98
65) Chlorobenzene	11.52	112	392950	55.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	137184	56.034	ug/l	99
67) Ethyl Benzene	11.59	91	728463	56.060	ug/l	99
68) m/p-Xylenes	11.70	106	552521	112.716	ug/l	99
69) o-Xylene	12.03	106	260250	55.375	ug/l	98
70) Styrene	12.04	104	461224	55.931	ug/l	100
71) Bromoform	12.20	173	82933	54.929	ug/l #	100
73) Isopropylbenzene	12.33	105	703105	55.825	ug/l	100
74) N-amyl acetate	12.14	43	219015	55.721	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	144432	54.506	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	99458m	55.456	ug/l	
77) Bromobenzene	12.61	156	153983	55.330	ug/l	100
78) n-propylbenzene	12.67	91	855922	56.498	ug/l	99
79) 2-Chlorotoluene	12.75	91	483867	55.614	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	594324	56.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57326	54.204	ug/l #	99
82) 4-Chlorotoluene	12.85	91	517277	55.691	ug/l	99
83) tert-Butylbenzene	13.07	119	491007	55.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	588679	56.409	ug/l	100
85) sec-Butylbenzene	13.25	105	713954	56.203	ug/l	99
86) p-Isopropyltoluene	13.37	119	623353	56.517	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	295630	56.170	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	297323	54.889	ug/l	100
89) n-Butylbenzene	13.69	91	624489	56.217	ug/l	100
90) Hexachloroethane	13.95	117	122207	56.706	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	275373	56.297	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25815	54.007	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
Data File : VY001151.D
Acq On : 10 Jan 2020 16:19
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011020

Manual Integrations
APPROVED

MMDadoda
1/13/2020 12:39:11 PM

Quant Time: Jan 10 18:09:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	176007	54.613	ug/l	98
94) Hexachlorobutadiene	15.11	225	87980	54.188	ug/l	99
95) Naphthalene	15.23	128	420581	56.056	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	158609	55.842	ug/l	99

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

