

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002997.D
 Acq On : 25 Jun 2020 15:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY062520

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:22 AM

Quant Time: Jun 26 07:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	493143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	360622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	218191	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	7.72	113	205414	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	10.18	98	816693	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.48	95	292331	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	164090	55.470	ug/l	98
3) Chloromethane	2.11	50	222422	54.649	ug/l	99
4) Vinyl Chloride	2.26	62	245384	60.120	ug/l	100
5) Bromomethane	2.66	94	174212	57.213	ug/l	100
6) Chloroethane	2.80	64	153757	58.046	ug/l	99
7) Trichlorofluoromethane	3.13	101	413228	53.327	ug/l	98
8) Diethyl Ether	3.54	74	123694	53.020	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	225252	55.701	ug/l	99
10) Methyl Iodide	4.10	142	319717	56.505	ug/l	99
11) Tert butyl alcohol	4.96	59	108294	257.217	ug/l	98
12) 1,1-Dichloroethene	3.88	96	218883	55.185	ug/l	94
13) Acrolein	3.74	56	114773	272.845	ug/l	98
14) Allyl chloride	4.49	41	348692	55.423	ug/l	99
15) Acrylonitrile	5.18	53	294952	275.276	ug/l	98
16) Acetone	3.96	43	260623	288.608	ug/l	99
17) Carbon Disulfide	4.20	76	679338	55.845	ug/l	99
18) Methyl Acetate	4.49	43	130498	55.093	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	609836	54.829	ug/l	97
20) Methylene Chloride	4.72	84	241767	54.470	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	240432	54.736	ug/l	98
22) Diisopropyl ether	6.12	45	561011	44.287	ug/l	96
23) Vinyl Acetate	6.07	43	1896574	221.416	ug/l	99
24) 1,1-Dichloroethane	6.03	63	320693	44.003	ug/l	100
25) 2-Butanone	6.99	43	335209	236.952	ug/l	98
26) 2,2-Dichloropropane	6.99	77	345393	47.099	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	229556	46.843	ug/l	99
28) Bromochloromethane	7.34	49	148302	51.231	ug/l	95
29) Tetrahydrofuran	7.35	42	219582	234.433	ug/l	99
30) Chloroform	7.52	83	366856	47.507	ug/l	98
31) Cyclohexane	7.79	56	308099	45.193	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	360561	49.437	ug/l	99
36) 1,1-Dichloropropene	7.92	75	265547	41.818	ug/l	98
37) Ethyl Acetate	7.08	43	156713	43.963	ug/l	99
38) Carbon Tetrachloride	7.90	117	334516	43.599	ug/l	98

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39) Methylcyclohexane	9.19	83	372800	49.986	ug/l	98
40) Benzene	8.16	78	781983	45.533	ug/l	99
41) Methacrylonitrile	7.33	41	99596m	49.008	ug/l	
42) 1,2-Dichloroethane	8.24	62	260836	47.187	ug/l	99
43) Isopropyl Acetate	8.27	43	305976	48.772	ug/l	99
44) Trichloroethene	8.94	130	259488	48.434	ug/l	97
45) 1,2-Dichloropropane	9.22	63	191603	48.218	ug/l	99
46) Dibromomethane	9.31	93	117279	48.690	ug/l	98
47) Bromodichloromethane	9.50	83	297123	49.720	ug/l	99
48) Methyl methacrylate	9.30	41	140508	48.872	ug/l	98
49) 1,4-Dioxane	9.30	88	30364	1079.908	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	757518	233.858	ug/l	98
52) Toluene	10.24	92	522436	45.650	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	316287	46.507	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	352602	49.985	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	180213	48.618	ug/l	99
56) Ethyl methacrylate	10.51	69	237774	46.465	ug/l	100
57) 1,3-Dichloropropane	10.79	76	282978	44.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	618523	275.108	ug/l	100
59) 2-Hexanone	10.83	43	565886	239.464	ug/l	99
60) Dibromochloromethane	10.99	129	222504	43.467	ug/l	98
61) 1,2-Dibromoethane	11.09	107	149075	39.995	ug/l	99
64) Tetrachloroethene	10.72	164	291516	58.394	ug/l	95
65) Chlorobenzene	11.52	112	522205	48.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	209811	48.534	ug/l	99
67) Ethyl Benzene	11.59	91	913428	48.843	ug/l	99
68) m/p-Xylenes	11.70	106	703216	97.591	ug/l	99
69) o-Xylene	12.03	106	332272	48.299	ug/l	100
70) Styrene	12.05	104	575245	48.998	ug/l	100
71) Bromoform	12.21	173	151715	51.281	ug/l	100
73) Isopropylbenzene	12.33	105	946098	40.332	ug/l	100
74) N-amyl acetate	12.14	43	245040	38.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	187446	44.960	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	149024m	46.402	ug/l	
77) Bromobenzene	12.61	156	293242	44.440	ug/l	100
78) n-propylbenzene	12.67	91	1270803	46.954	ug/l	100
79) 2-Chlorotoluene	12.75	91	695848	45.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	909771	43.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68659	41.454	ug/l #	78
82) 4-Chlorotoluene	12.86	91	760547	46.028	ug/l	99
83) tert-Butylbenzene	13.08	119	807908	44.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	906693	44.606	ug/l	100
85) sec-Butylbenzene	13.25	105	1126825	48.909	ug/l	100
86) p-Isopropyltoluene	13.37	119	1058669	48.747	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	548370	47.797	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	549004	48.717	ug/l	100
89) n-Butylbenzene	13.70	91	962437	51.357	ug/l	100
90) Hexachloroethane	13.96	117	199957	50.850	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	501705	49.785	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33583	46.452	ug/l	100

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93) 1,2,4-Trichlorobenzene	15.01	180	408338	50.917	ug/l	98
94) Hexachlorobutadiene	15.11	225	279321	50.893	ug/l	99
95) Naphthalene	15.23	128	675874	51.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	342166	49.462	ug/l	98

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

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