

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003504.D
 Acq On : 04 Nov 2020 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 7:01:49 PM

Quant Time: Nov 05 00:34:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	312042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113587	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.73	113	99282	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.18	98	404278	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.48	95	135565	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	87453	47.040	ug/l	99
3) Chloromethane	2.12	50	119270	48.732	ug/l	98
4) Vinyl Chloride	2.26	62	131136	47.733	ug/l	100
5) Bromomethane	2.66	94	93544	40.754	ug/l	98
6) Chloroethane	2.80	64	78373	47.863	ug/l	98
7) Trichlorofluoromethane	3.14	101	166723	47.810	ug/l	99
8) Diethyl Ether	3.54	74	55324	51.735	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	93865	48.701	ug/l	99
10) Methyl Iodide	4.10	142	100470	50.715	ug/l	99
11) Tert butyl alcohol	4.97	59	49871	204.575	ug/l	100
12) 1,1-Dichloroethene	3.89	96	93678	48.851	ug/l	95
13) Acrolein	3.74	56	49442	247.321	ug/l	100
14) Allyl chloride	4.49	41	172270	49.240	ug/l	99
15) Acrylonitrile	5.18	53	127199	222.837	ug/l	99
16) Acetone	3.96	43	231852	291.768	ug/l	98
17) Carbon Disulfide	4.21	76	296786	47.774	ug/l	99
18) Methyl Acetate	4.49	43	67375	44.866	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	243438	51.254	ug/l	96
20) Methylene Chloride	4.73	84	104866	46.859	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	108513	48.870	ug/l	97
22) Diisopropyl ether	6.13	45	326867	53.267	ug/l	98
23) Vinyl Acetate	6.08	43	1154904	250.454	ug/l	99
24) 1,1-Dichloroethane	6.03	63	197500	50.649	ug/l	99
25) 2-Butanone	7.00	43	262733	264.353	ug/l	98
26) 2,2-Dichloropropane	6.99	77	182173	50.147	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	121847	50.642	ug/l	98
28) Bromochloromethane	7.35	49	99399	50.670	ug/l	97
29) Tetrahydrofuran	7.36	42	115676	222.740	ug/l	99
30) Chloroform	7.52	83	196268	51.245	ug/l	100
31) Cyclohexane	7.79	56	166026	45.984	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	178720	50.019	ug/l	99
36) 1,1-Dichloropropene	7.93	75	156806	49.649	ug/l	100
37) Ethyl Acetate	7.08	43	89847	45.813	ug/l	98
38) Carbon Tetrachloride	7.91	117	163409	49.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	171392	48.736	ug/l	99
40) Benzene	8.17	78	445592	50.697	ug/l	98
41) Methacrylonitrile	7.33	41	56537m	53.984	ug/l	
42) 1,2-Dichloroethane	8.25	62	138761	50.385	ug/l	100
43) Isopropyl Acetate	8.28	43	167905	47.638	ug/l	99
44) Trichloroethene	8.94	130	122688	49.723	ug/l	100
45) 1,2-Dichloropropane	9.22	63	114725	51.687	ug/l	98
46) Dibromomethane	9.31	93	60633	49.653	ug/l	98
47) Bromodichloromethane	9.50	83	156171	52.251	ug/l	97
48) Methyl methacrylate	9.30	41	80143	48.270	ug/l	98
49) 1,4-Dioxane	9.30	88	13410	880.105	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	447223	238.152	ug/l	99
52) Toluene	10.25	92	280451	51.015	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	162457	51.075	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	186450	52.092	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	87512	50.484	ug/l	99
56) Ethyl methacrylate	10.51	69	118344	50.969	ug/l	99
57) 1,3-Dichloropropane	10.79	76	153887	51.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	283616	240.955	ug/l	100
59) 2-Hexanone	10.83	43	364580	262.212	ug/l	99
60) Dibromochloromethane	10.99	129	111935	52.538	ug/l	100
61) 1,2-Dibromoethane	11.09	107	82268	49.159	ug/l	98
64) Tetrachloroethene	10.72	164	114288	49.043	ug/l	97
65) Chlorobenzene	11.52	112	306124	50.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	117606	51.441	ug/l	100
67) Ethyl Benzene	11.59	91	557715	50.736	ug/l	100
68) m/p-Xylenes	11.70	106	425335	102.105	ug/l	99
69) o-Xylene	12.03	106	196194	51.200	ug/l	99
70) Styrene	12.05	104	336591	51.733	ug/l	100
71) Bromoform	12.21	173	73753	48.398	ug/l #	100
73) Isopropylbenzene	12.33	105	540397	49.707	ug/l	100
74) N-amyl acetate	12.14	43	146801	47.670	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	108145	46.570	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	79291m	45.027	ug/l	
77) Bromobenzene	12.61	156	137093	49.631	ug/l	99
78) n-propylbenzene	12.67	91	647993	50.602	ug/l	100
79) 2-Chlorotoluene	12.76	91	358052	50.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	460368	51.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38121	45.183	ug/l	97
82) 4-Chlorotoluene	12.86	91	376490	50.356	ug/l	99
83) tert-Butylbenzene	13.08	119	403659	50.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	464578	51.604	ug/l	100
85) sec-Butylbenzene	13.25	105	552738	51.098	ug/l	100
86) p-Isopropyltoluene	13.37	119	513801	51.216	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	264464	51.396	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	256466	50.123	ug/l	99
89) n-Butylbenzene	13.70	91	473902	51.719	ug/l	100
90) Hexachloroethane	13.96	117	86663	51.330	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	231343	50.610	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17958	42.720	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	166494	51.493	ug/l	99
94) Hexachlorobutadiene	15.11	225	104947	50.455	ug/l	98
95) Naphthalene	15.23	128	303051	46.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	145461	50.012	ug/l	98

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

