

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041520\
 Data File : VD065636.D
 Acq On : 15 Apr 2020 15:32
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 3:13:36 PM

Quant Time: Apr 15 19:47:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 18:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	233217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	319131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	309471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161071	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	102513	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.92	113	102600	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	10.34	98	383600	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.64	95	130026	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	102363	49.217	ug/l	100
3) Chloromethane	2.21	50	105422	41.527	ug/l	100
4) Vinyl Chloride	2.35	62	113857	47.361	ug/l	100
5) Bromomethane	2.77	94	59117	35.995	ug/l	100
6) Chloroethane	2.92	64	67430	45.559	ug/l	100
7) Trichlorofluoromethane	3.27	101	159887	44.084	ug/l	100
8) Diethyl Ether	3.71	74	35714	47.931	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	72998	32.618	ug/l	100
10) Methyl Iodide	4.30	142	91506	41.640	ug/l	100
11) Tert butyl alcohol	5.24	59	20427	193.337	ug/l	100
12) 1,1-Dichloroethene	4.06	96	65788	31.977	ug/l	100
13) Acrolein	3.93	56	26261	178.612	ug/l	100
14) Allyl chloride	4.71	41	104966	34.363	ug/l	100
15) Acrylonitrile	5.43	53	81039	189.612	ug/l	100
16) Acetone	4.16	43	72575	190.741	ug/l	100
17) Carbon Disulfide	4.40	76	222041	32.456	ug/l	100
18) Methyl Acetate	4.71	43	40017	36.172	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	162216	40.036	ug/l	100
20) Methylene Chloride	4.96	84	78157	31.682	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	80985	34.629	ug/l	100
22) Diisopropyl ether	6.37	45	340848	53.560	ug/l	100
23) Vinyl Acetate	6.31	43	955847	281.610	ug/l	100
24) 1,1-Dichloroethane	6.26	63	196849	47.042	ug/l	100
25) 2-Butanone	7.22	43	148507	267.545	ug/l	100
26) 2,2-Dichloropropane	7.21	77	168710	45.264	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	123589	48.385	ug/l	100
28) Bromochloromethane	7.55	49	81997	48.224	ug/l	100
29) Tetrahydrofuran	7.57	42	98357	280.155	ug/l	100
30) Chloroform	7.71	83	201828	46.144	ug/l	100
31) Cyclohexane	7.99	56	184989	47.356	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	179108	45.530	ug/l	100
36) 1,1-Dichloropropene	8.11	75	160138	49.519	ug/l	100
37) Ethyl Acetate	7.30	43	71296	56.914	ug/l	100
38) Carbon Tetrachloride	8.10	117	169978	48.382	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	194068	53.016	ug/l	100
40) Benzene	8.36	78	461715	49.819	ug/l	100
41) Methacrylonitrile	7.53	41	28640m	40.349	ug/l	
42) 1,2-Dichloroethane	8.43	62	132045	50.379	ug/l	100
43) Isopropyl Acetate	8.46	43	125768	55.743	ug/l	100
44) Trichloroethene	9.11	130	126908	47.933	ug/l	100
45) 1,2-Dichloropropane	9.39	63	116149	51.074	ug/l	100
46) Dibromomethane	9.48	93	61329	50.034	ug/l	100
47) Bromodichloromethane	9.67	83	160423	50.153	ug/l	100
48) Methyl methacrylate	9.46	41	66638	61.935	ug/l	100
49) 1,4-Dioxane	9.47	88	15051	1129.039	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	336573	287.221	ug/l	100
52) Toluene	10.41	92	294204	50.365	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	155808	54.296	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	183458	52.570	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	88051	50.856	ug/l	100
56) Ethyl methacrylate	10.67	69	103121	58.813	ug/l	100
57) 1,3-Dichloropropane	10.95	76	149045	51.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	249493	273.333	ug/l	100
59) 2-Hexanone	10.99	43	233752	298.783	ug/l	100
60) Dibromochloromethane	11.14	129	114806	50.229	ug/l	100
61) 1,2-Dibromoethane	11.25	107	84918	51.571	ug/l	100
64) Tetrachloroethene	10.88	164	112441	46.764	ug/l	100
65) Chlorobenzene	11.67	112	313284	47.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	119323	47.753	ug/l	100
67) Ethyl Benzene	11.75	91	549013	50.749	ug/l	100
68) m/p-Xylenes	11.86	106	429741	101.044	ug/l	100
69) o-Xylene	12.18	106	191464	52.050	ug/l	100
70) Styrene	12.20	104	347426	53.361	ug/l	100
71) Bromoform	12.37	173	70730	49.547	ug/l #	100
73) Isopropylbenzene	12.48	105	519546	51.834	ug/l	100
74) N-amyl acetate	12.30	43	117592	57.189	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	94257	49.967	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	74886m	56.482	ug/l	
77) Bromobenzene	12.77	156	135949	49.135	ug/l	100
78) n-propylbenzene	12.83	91	627228	51.764	ug/l	100
79) 2-Chlorotoluene	12.91	91	350484	50.380	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	445864	52.487	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	32975	58.294	ug/l	100
82) 4-Chlorotoluene	13.01	91	376666	50.126	ug/l	100
83) tert-Butylbenzene	13.23	119	369872	52.592	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	443728	52.700	ug/l	100
85) sec-Butylbenzene	13.41	105	524617	51.971	ug/l	100
86) p-Isopropyltoluene	13.53	119	493855	53.055	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	260490	48.610	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	259241	48.410	ug/l	100
89) n-Butylbenzene	13.85	91	447570	53.061	ug/l	100
90) Hexachloroethane	14.12	117	97125	47.664	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	227802	49.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	14530	49.535	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	160025	52.939	ug/l	100
94) Hexachlorobutadiene	15.28	225	105055	50.128	ug/l	100
95) Naphthalene	15.41	128	260558	58.636	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	146423	55.308	ug/l	100

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

