

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009233.D
 Acq On : 22 Jan 2019 13:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:43:58 AM

Quant Time: Jan 23 01:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 00:37:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	92897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	156838	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	140750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	72342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	50708	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	
35) Dibromofluoromethane	4.64	113	45948	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
50) Toluene-d8	7.36	98	182712	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	10.12	95	66692	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33675	45.640	ug/l 100
3) Chloromethane	1.25	50	47762	44.395	ug/l 100
4) Vinyl Chloride	1.32	62	56192	53.422	ug/l 100
5) Bromomethane	1.53	94	31767	46.016	ug/l 100
6) Chloroethane	1.59	64	31712	47.867	ug/l 100
7) Trichlorofluoromethane	1.76	101	40916	63.577	ug/l 100
8) Diethyl Ether	1.96	74	25005	47.991	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.14	101	49736	51.928	ug/l 100
10) Methyl Iodide	2.25	142	78597	49.948	ug/l 100
11) Tert butyl alcohol	2.65	59	16758	182.154	ug/l 100
12) 1,1-Dichloroethene	2.13	96	48312	50.235	ug/l 100
13) Acrolein	2.05	56	13953	209.247	ug/l 100
14) Allyl chloride	2.42	41	84103	49.744	ug/l 100
15) Acrylonitrile	2.76	53	53680	238.230	ug/l 100
16) Acetone	2.17	43	72295	234.891	ug/l 100
17) Carbon Disulfide	2.31	76	148637	51.790	ug/l 100
18) Methyl Acetate	2.44	43	36699	45.914	ug/l 100
19) Methyl tert-butyl Ether	2.79	73	72857	48.365	ug/l 100
20) Methylene Chloride	2.52	84	51186	43.977	ug/l 100
21) trans-1,2-Dichloroethene	2.78	96	52159	50.158	ug/l 100
22) Diisopropyl ether	3.32	45	178205	47.341	ug/l 100
23) Vinyl Acetate	3.30	43	491333	236.471	ug/l 100
24) 1,1-Dichloroethane	3.22	63	110794	48.520	ug/l 100
25) 2-Butanone	4.01	43	86924	238.086	ug/l 100
26) 2,2-Dichloropropane	3.95	77	66810	55.344	ug/l 100
27) cis-1,2-Dichloroethene	3.95	96	64186	48.923	ug/l 100
28) Bromochloromethane	4.29	49	41441	47.268	ug/l 100
29) Tetrahydrofuran	4.38	42	46723	223.393	ug/l 100
30) Chloroform	4.42	83	112623	47.456	ug/l 100
31) Cyclohexane	4.72	56	99654	48.971	ug/l 100
32) 1,1,1-Trichloroethane	4.65	97	96743	51.093	ug/l 100
36) 1,1-Dichloropropene	4.87	75	85783	50.514	ug/l 100
37) Ethyl Acetate	4.12	43	33539	47.282	ug/l 100
38) Carbon Tetrachloride	4.87	117	88169	52.249	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	104996	53.729	ug/l	100
40) Benzene	5.14	78	242951	50.646	ug/l	100
41) Methacrylonitrile	4.30	41	20145	48.500	ug/l	100
42) 1,2-Dichloroethane	5.17	62	75131	46.944	ug/l	100
43) Isopropyl Acetate	5.32	43	66707	47.325	ug/l	100
44) Trichloroethene	5.95	130	62706	50.774	ug/l	100
45) 1,2-Dichloropropane	6.22	63	57633	49.301	ug/l	100
46) Dibromomethane	6.35	93	30961	48.606	ug/l	100
47) Bromodichloromethane	6.55	83	79343	47.748	ug/l	100
48) Methyl methacrylate	6.41	41	33322	46.643	ug/l	100
49) 1,4-Dioxane	6.41	88	7877	953.144	ug/l	100
51) 4-Methyl-2-Pentanone	7.27	43	167665	237.795	ug/l	100
52) Toluene	7.43	92	154360	51.267	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	77588	47.993	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	90381	49.343	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	41465	48.044	ug/l	100
56) Ethyl methacrylate	7.83	69	51271	49.039	ug/l	100
57) 1,3-Dichloropropane	8.05	76	76973	48.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.94	63	2239	111.284	ug/l	100
59) 2-Hexanone	8.18	43	122997	235.347	ug/l	100
60) Dibromochloromethane	8.29	129	49787	48.448	ug/l	100
61) 1,2-Dibromoethane	8.40	107	41428	48.439	ug/l	100
64) Tetrachloroethene	8.02	164	51687	53.954	ug/l	100
65) Chlorobenzene	8.92	112	163754	50.946	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	56597	51.241	ug/l	100
67) Ethyl Benzene	9.05	91	299576	52.465	ug/l	100
68) m/p-Xylenes	9.18	106	229306	107.031	ug/l	100
69) o-Xylene	9.59	106	106374	53.293	ug/l	100
70) Styrene	9.60	104	170608	52.425	ug/l	100
71) Bromoform	9.77	173	27551	51.058	ug/l #	100
73) Isopropylbenzene	9.97	105	303396	52.961	ug/l	100
74) N-amyl acetate	9.84	43	56285	46.511	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.29	83	49714	48.457	ug/l	100
76) 1,2,3-Trichloropropane	10.32	75	38375m	48.074	ug/l	
77) Bromobenzene	10.26	156	62947	49.488	ug/l	100
78) n-propylbenzene	10.40	91	357344	52.642	ug/l	100
79) 2-Chlorotoluene	10.47	91	212748	50.802	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	255163	52.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	14786	51.362	ug/l	100
82) 4-Chlorotoluene	10.58	91	248996	49.920	ug/l	100
83) tert-Butylbenzene	10.91	119	241494	52.317	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	255238	51.014	ug/l	100
85) sec-Butylbenzene	11.13	105	313922	52.909	ug/l	100
86) p-Isopropyltoluene	11.29	119	275928	52.453	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	130280	50.132	ug/l	100
88) 1,4-Dichlorobenzene	11.32	146	131885	50.009	ug/l	100
89) n-Butylbenzene	11.70	91	266991	51.532	ug/l	100
90) Hexachloroethane	11.95	117	49480	52.150	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	114964	49.471	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8511	47.891	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	75113	47.393	ug/l	100
94) Hexachlorobutadiene	13.49	225	44512	49.740	ug/l	100
95) Naphthalene	13.55	128	129898	46.705	ug/l	100
96) 1,2,3-Trichlorobenzene	13.79	180	63259	47.022	ug/l	100

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

