

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060259.D
 Acq On : 1 Nov 2018 13:21
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/5/2018 1:21:08 PM

Quant Time: Nov 01 16:51:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1581513	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2191679	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1780572	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	979781	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	571470	47.67	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	6.34	113	811650	48.77	ug/l	0.04
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	9.47	98	2216772	46.71	ug/l	0.03
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	12.43	95	854461	48.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	611449	41.101	ug/l	100
3) Chloromethane	1.76	50	590354	44.008	ug/l	99
4) Vinyl Chloride	1.86	62	501229	45.656	ug/l	98
5) Bromomethane	2.15	94	74573	54.098	ug/l	96
6) Chloroethane	2.25	64	143387	47.862	ug/l	99
7) Trichlorofluoromethane	2.51	101	611510	46.520	ug/l	98
8) Diethyl Ether	2.83	74	144317	53.391	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.10	101	425838	52.000	ug/l	98
10) Methyl Iodide	3.25	142	417831	48.113	ug/l	97
11) Tert butyl alcohol	3.98	59	188238	218.940	ug/l	97
12) 1,1-Dichloroethene	3.08	96	330737	51.266	ug/l	89
13) Acrolein	2.99	56	96389	181.865	ug/l	99
14) Allyl chloride	3.54	41	678501	50.638	ug/l	98
15) Acrylonitrile	4.09	53	830908	233.487	ug/l	97
16) Acetone	3.17	43	584135	268.533	ug/l	96
17) Carbon Disulfide	3.33	76	938071	43.239	ug/l	99
18) Methyl Acetate	3.56	43	276774	59.198	ug/l	99
19) Methyl tert-butyl Ether	4.13	73	1347164	47.494	ug/l	96
20) Methylene Chloride	3.73	84	775736	44.864	ug/l	98
21) trans-1,2-Dichloroethene	4.10	96	744097	44.658	ug/l	98
22) Diisopropyl ether	4.86	45	2925221	48.885	ug/l	95
23) Vinyl Acetate	4.81	43	7759496	230.692	ug/l	99
24) 1,1-Dichloroethane	4.76	63	1320781	48.681	ug/l	99
25) 2-Butanone	5.63	43	1371058	252.292	ug/l	97
26) 2,2-Dichloropropane	5.60	77	1055594	51.322	ug/l	98
27) cis-1,2-Dichloroethene	5.60	96	838897	47.521	ug/l	93
28) Bromochloromethane	5.93	49	658582	49.951	ug/l	94
29) Tetrahydrofuran	5.96	42	733832	232.477	ug/l	99
30) Chloroform	6.11	83	1350943	49.224	ug/l	98
31) Cyclohexane	6.38	56	1120482	43.142	ug/l	99
32) 1,1,1-Trichloroethane	6.30	97	1103797	49.091	ug/l	99
36) 1,1-Dichloropropene	6.54	75	957019	45.696	ug/l	98
37) Ethyl Acetate	5.71	43	616197	44.326	ug/l	97
38) Carbon Tetrachloride	6.51	117	904386	47.578	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	1088649	45.749	ug/l	98
40) Benzene	6.80	78	2550097	46.542	ug/l	99
41) Methacrylonitrile	5.93	41	280262m	35.669	ug/l	
42) 1,2-Dichloroethane	6.90	62	741709	47.217	ug/l	98
43) Isopropyl Acetate	8.36	43	823364	45.020	ug/l #	99
44) Trichloroethene	7.76	130	787380	46.423	ug/l	94
45) 1,2-Dichloropropane	8.11	63	684929	47.741	ug/l	96
46) Dibromomethane	8.23	93	430168	46.313	ug/l	98
47) Bromodichloromethane	8.50	83	985232	49.782	ug/l	99
48) Methyl methacrylate	8.26	41	485364	46.591	ug/l	97
49) 1,4-Dioxane	8.24	88	94877	925.620	ug/l	96
51) 4-Methyl-2-Pentanone	9.35	43	2751764	238.551	ug/l	98
52) Toluene	9.56	92	1660949	47.069	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	890554	49.731	ug/l	99
54) cis-1,3-Dichloropropene	9.11	75	1072147	48.484	ug/l	98
55) 1,1,2-Trichloroethane	10.20	97	543353	47.101	ug/l	98
56) Ethyl methacrylate	10.04	69	595464	46.761	ug/l	96
57) 1,3-Dichloropropane	10.39	76	823601	46.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.94	63	1701998	240.690	ug/l	98
59) 2-Hexanone	10.50	43	2023200	243.911	ug/l	99
60) Dibromochloromethane	10.65	129	693671	49.009	ug/l	98
61) 1,2-Dibromoethane	10.77	107	567143	46.270	ug/l	99
64) Tetrachloroethene	10.26	164	706441	45.299	ug/l	98
65) Chlorobenzene	11.32	112	1776845	46.128	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.43	131	623636	48.530	ug/l	99
67) Ethyl Benzene	11.44	91	2951373	47.290	ug/l	100
68) m/p-Xylenes	11.57	106	2196051	94.176	ug/l	100
69) o-Xylene	11.94	106	1076677	46.680	ug/l	93
70) Styrene	11.97	104	1837102	47.628	ug/l	99
71) Bromoform	12.12	173	505218	48.552	ug/l	97
73) Isopropylbenzene	12.28	105	3013247	46.617	ug/l	97
74) N-amyl acetate	12.14	43	1054064	44.520	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	650841	46.121	ug/l	98
76) 1,2,3-Trichloropropane	12.61	75	653836	46.338	ug/l	97
77) Bromobenzene	12.55	156	854243	45.479	ug/l	92
78) n-propylbenzene	12.65	91	3773245	47.012	ug/l	97
79) 2-Chlorotoluene	12.72	91	2086735	46.845	ug/l	97
80) 1,3,5-Trimethylbenzene	12.80	105	2346728	46.909	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.35	75	180292	45.474	ug/l	97
82) 4-Chlorotoluene	12.81	91	2353640	46.714	ug/l	95
83) tert-Butylbenzene	13.05	119	2684976	46.770	ug/l	97
84) 1,2,4-Trimethylbenzene	13.10	105	2409708	45.703	ug/l	97
85) sec-Butylbenzene	13.23	105	3241412	47.754	ug/l	98
86) p-Isopropyltoluene	13.34	119	2565268	46.077	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	1489465	45.514	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	1511429	45.981	ug/l	97
89) n-Butylbenzene	13.65	91	2646753	48.722	ug/l	99
90) Hexachloroethane	13.87	117	640093	49.678	ug/l	75
91) 1,2-Dichlorobenzene	13.67	146	1302479	47.334	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.23	75	85402	45.326	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1071273	45.867	ug/l	99
94) Hexachlorobutadiene	14.89	225	725362	46.723	ug/l	99
95) Naphthalene	14.98	128	1560868	45.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	907863	44.684	ug/l	99

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

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Operator : VA/AP
Sample : VSTDC050
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDC050

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