

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009241.D
 Acq On : 22 Jan 2019 18:32
 Operator : SY/MD
 Sample : VV0122SBSD01
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0122SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:44:51 AM

Quant Time: Jan 23 01:59:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	81340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	138250	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	126291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	63716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	51431	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	4.64	113	45904	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	7.36	98	177693	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	10.12	95	66939	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12724m	19.339	ug/l
3) Chloromethane	1.25	50	17447	19.700	ug/l
4) Vinyl Chloride	1.32	62	19449	19.328	ug/l
5) Bromomethane	1.52	94	10961	19.208	ug/l
6) Chloroethane	1.59	64	10551	18.760	ug/l
7) Trichlorofluoromethane	1.76	101	11045	15.640	ug/l
8) Diethyl Ether	1.96	74	8943	20.135	ug/l
9) 1,1,2-Trichlorotrifluoroet	2.13	101	17647	20.111	ug/l
10) Methyl Iodide	2.25	142	28160	20.107	ug/l
11) Tert butyl alcohol	2.66	59	7873	120.594	ug/l
12) 1,1-Dichloroethene	2.13	96	17262	20.037	ug/l
13) Acrolein	2.05	56	6780	123.751	ug/l
14) Allyl chloride	2.42	41	27802	18.724	ug/l
15) Acrylonitrile	2.76	53	21697	112.778	ug/l
16) Acetone	2.18	43	26676	99.118	ug/l
17) Carbon Disulfide	2.31	76	50903	19.315	ug/l
18) Methyl Acetate	2.44	43	14631	20.353	ug/l
19) Methyl tert-butyl Ether	2.79	73	27776	20.770	ug/l
20) Methylene Chloride	2.52	84	20925	21.138	ug/l
21) trans-1,2-Dichloroethene	2.78	96	18114	19.515	ug/l
22) Diisopropyl ether	3.32	45	62568	19.789	ug/l
23) Vinyl Acetate	3.30	43	183574	107.007	ug/l
24) 1,1-Dichloroethane	3.22	63	38373	19.508	ug/l
25) 2-Butanone	4.01	43	34540	112.230	ug/l
26) 2,2-Dichloropropane	3.94	77	20783	18.773	ug/l
27) cis-1,2-Dichloroethene	3.95	96	22612	20.157	ug/l
28) Bromochloromethane	4.29	49	14834	20.435	ug/l
29) Tetrahydrofuran	4.39	42	20723	123.802	ug/l
30) Chloroform	4.41	83	38053	19.261	ug/l
31) Cyclohexane	4.72	56	35344	19.682	ug/l
32) 1,1,1-Trichloroethane	4.65	97	32361	19.434	ug/l
36) 1,1-Dichloropropene	4.87	75	29693	19.345	ug/l
37) Ethyl Acetate	4.12	43	14206	24.082	ug/l
38) Carbon Tetrachloride	4.87	117	28801	18.742	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	36113	19.868	ug/l	98
40) Benzene	5.14	78	84640	19.716	ug/l	98
41) Methacrylonitrile	4.31	41	7770	21.855	ug/l	99
42) 1,2-Dichloroethane	5.17	62	26518	19.736	ug/l	98
43) Isopropyl Acetate	5.32	43	26390	22.744	ug/l	99
44) Trichloroethene	5.96	130	21738	19.242	ug/l	99
45) 1,2-Dichloropropane	6.22	63	19994	19.362	ug/l	96
46) Dibromomethane	6.35	93	11193	21.124	ug/l	98
47) Bromodichloromethane	6.55	83	26982	19.270	ug/l	100
48) Methyl methacrylate	6.42	41	13057	22.052	ug/l	97
49) 1,4-Dioxane	6.41	88	3518	521.208	ug/l	91
51) 4-Methyl-2-Pentanone	7.27	43	64777	110.002	ug/l	99
52) Toluene	7.43	92	52620	19.376	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	27135	19.911	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	30696	19.561	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	15572	20.858	ug/l	95
56) Ethyl methacrylate	7.83	69	18091	20.799	ug/l	93
57) 1,3-Dichloropropane	8.05	76	28183	20.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.94	63	1037	76.291	ug/l #	88
59) 2-Hexanone	8.18	43	46812	109.908	ug/l	96
60) Dibromochloromethane	8.29	129	17634	20.173	ug/l	100
61) 1,2-Dibromoethane	8.40	107	15401	21.095	ug/l	100
64) Tetrachloroethene	8.02	164	17844	19.855	ug/l	99
65) Chlorobenzene	8.92	112	57818	19.679	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	19479	19.399	ug/l	98
67) Ethyl Benzene	9.05	91	101375	19.368	ug/l	99
68) m/p-Xylenes	9.18	106	77083	38.791	ug/l	99
69) o-Xylene	9.59	106	35826	19.446	ug/l	97
70) Styrene	9.60	104	58234	19.806	ug/l	99
71) Bromoform	9.77	173	9754	20.599	ug/l #	98
73) Isopropylbenzene	9.97	105	101273	19.248	ug/l	100
74) N-amyl acetate	9.84	43	21178	21.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	19260	21.713	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	16151m	23.153	ug/l	
77) Bromobenzene	10.26	156	22703	20.173	ug/l	98
78) n-propylbenzene	10.40	91	120280	19.284	ug/l	100
79) 2-Chlorotoluene	10.47	91	72657	19.306	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	85682	19.418	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	4942	20.048	ug/l	95
82) 4-Chlorotoluene	10.58	91	84783	19.126	ug/l	99
83) tert-Butylbenzene	10.91	119	81173	19.319	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	87320	19.617	ug/l	99
85) sec-Butylbenzene	11.13	105	106165	19.291	ug/l	99
86) p-Isopropyltoluene	11.29	119	94094	19.527	ug/l	100
87) 1,3-Dichlorobenzene	11.22	146	46246	19.791	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	46642	19.745	ug/l	98
89) n-Butylbenzene	11.70	91	90680	19.388	ug/l	99
90) Hexachloroethane	11.95	117	15868	18.519	ug/l	98
91) 1,2-Dichlorobenzene	11.69	146	40854	19.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3349	22.489	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	27224	20.502	ug/l	100
94) Hexachlorobutadiene	13.49	225	16576	20.142	ug/l	99
95) Naphthalene	13.55	128	48211	20.998	ug/l	98
96) 1,2,3-Trichlorobenzene	13.79	180	23140	20.580	ug/l	100

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

