

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060373.D
 Acq On : 14 Nov 2018 12:20
 Operator : JC/SY
 Sample : VD1114SBSD01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBSD01

Manual Integrations
 APPROVED

apatel
 11/15/2018 1:02:26 PM

Quant Time: Nov 14 14:41:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1594732	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2200401	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1797118	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	933105	50.00	ug/l	-0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	566156	49.58	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	6.30	113	826984	50.40	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	9.44	98	2375669	49.47	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.41	95	844848	48.55	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	318697	23.00	ug/l	96
3) Chloromethane	1.75	50	305566	20.23	ug/l	100
4) Vinyl Chloride	1.85	62	260216	21.09	ug/l	99
5) Bromomethane	2.15	94	44077	15.06	ug/l	98
6) Chloroethane	2.26	64	68342	16.70	ug/l	99
7) Trichlorofluoromethane	2.50	101	293471	20.18	ug/l	95
8) Diethyl Ether	2.82	74	53161	20.19	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.08	101	200396	20.95	ug/l	97
10) Methyl Iodide	3.23	142	231691	18.65	ug/l	99
11) Tert butyl alcohol	3.96	59	48658	103.77	ug/l	95
12) 1,1-Dichloroethene	3.06	96	163894	21.06	ug/l	93
13) Acrolein	2.97	56	48470	87.48	ug/l	94
14) Allyl chloride	3.52	41	317045	21.29	ug/l	97
15) Acrylonitrile	4.07	53	289984	106.05	ug/l	99
16) Acetone	3.15	43	214843	108.47	ug/l	97
17) Carbon Disulfide	3.30	76	498471	19.85	ug/l	97
18) Methyl Acetate	3.54	43	91004	21.55	ug/l	100
19) Methyl tert-butyl Ether	4.11	73	494232	21.21	ug/l	97
20) Methylene Chloride	3.70	84	473277	26.94	ug/l	97
21) trans-1,2-Dichloroethene	4.09	96	364738	21.11	ug/l	97
22) Diisopropyl ether	4.83	45	1194610	21.48	ug/l	95
23) Vinyl Acetate	4.78	43	3025034	109.29	ug/l	98
24) 1,1-Dichloroethane	4.73	63	609735	21.38	ug/l	100
25) 2-Butanone	5.60	43	450847	109.51	ug/l	100
26) 2,2-Dichloropropane	5.57	77	479068	21.60	ug/l	97
27) cis-1,2-Dichloroethene	5.57	96	383352	21.30	ug/l	94
28) Bromochloromethane	5.91	49	275274	21.87	ug/l	94
29) Tetrahydrofuran	5.94	42	232825	107.26	ug/l	98
30) Chloroform	6.08	83	619699	21.73	ug/l	99
31) Cyclohexane	6.35	56	552712	20.27	ug/l	95
32) 1,1,1-Trichloroethane	6.27	97	499378	20.79	ug/l	99
36) 1,1-Dichloropropene	6.51	75	476069	21.90	ug/l	98
37) Ethyl Acetate	5.68	43	208030	20.80	ug/l	98
38) Carbon Tetrachloride	6.48	117	425048	21.08	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.01	83	531701	21.27	ug/l	99
40) Benzene	6.77	78	1224760	22.07	ug/l	99
41) Methacrylonitrile	5.94	41	248205m	21.68	ug/l	
42) 1,2-Dichloroethane	6.87	62	301694	20.77	ug/l	96
43) Isopropyl Acetate	8.33	43	258683	20.59	ug/l #	97
44) Trichloroethene	7.72	130	368827	21.93	ug/l	99
45) 1,2-Dichloropropane	8.08	63	309116	22.09	ug/l	97
46) Dibromomethane	8.20	93	173157	21.13	ug/l	94
47) Bromodichloromethane	8.47	83	419900	21.74	ug/l	99
48) Methyl methacrylate	8.23	41	163108	21.37	ug/l	97
49) 1,4-Dioxane	8.21	88	30100	455.79	ug/l #	88
51) 4-Methyl-2-Pentanone	9.32	43	867977	106.13	ug/l	99
52) Toluene	9.53	92	778116	21.95	ug/l	98
53) t-1,3-Dichloropropene	9.90	75	356398	21.84	ug/l	100
54) cis-1,3-Dichloropropene	9.08	75	450696	21.53	ug/l	93
55) 1,1,2-Trichloroethane	10.16	97	218164	21.23	ug/l	97
56) Ethyl methacrylate	10.01	69	200219	21.20	ug/l	100
57) 1,3-Dichloropropane	10.36	76	335061	21.40	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.90	63	639380	111.94	ug/l	96
59) 2-Hexanone	10.47	43	658360	112.94	ug/l	99
60) Dibromochloromethane	10.62	129	266051	21.30	ug/l	98
61) 1,2-Dibromoethane	10.74	107	219445	21.32	ug/l	99
64) Tetrachloroethene	10.23	164	345918	21.56	ug/l	99
65) Chlorobenzene	11.30	112	838114	21.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.40	131	268351	21.06	ug/l	93
67) Ethyl Benzene	11.42	91	1393368	20.92	ug/l	98
68) m/p-Xylenes	11.54	106	1078148	43.88	ug/l	96
69) o-Xylene	11.92	106	500272	21.07	ug/l	100
70) Styrene	11.94	104	802251	20.91	ug/l	96
71) Bromoform	12.11	173	175433	20.49	ug/l	99
73) Isopropylbenzene	12.26	105	1429676	21.03	ug/l	98
74) N-amyl acetate	12.13	43	357642	20.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	229654	20.66	ug/l	97
76) 1,2,3-Trichloropropane	12.59	75	228494	20.47	ug/l	99
77) Bromobenzene	12.53	156	379239	21.00	ug/l	94
78) n-propylbenzene	12.63	91	1756909	20.70	ug/l	100
79) 2-Chlorotoluene	12.70	91	1002138	21.56	ug/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	1106802	20.95	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.33	75	61935	19.49	ug/l	94
82) 4-Chlorotoluene	12.79	91	1104090	21.15	ug/l	98
83) tert-Butylbenzene	13.03	119	1245746	21.24	ug/l	92
84) 1,2,4-Trimethylbenzene	13.08	105	1112057	21.08	ug/l	98
85) sec-Butylbenzene	13.21	105	1555375	21.61	ug/l	98
86) p-Isopropyltoluene	13.33	119	1224810	21.13	ug/l	96
87) 1,3-Dichlorobenzene	13.30	146	685671	21.34	ug/l	98
88) 1,4-Dichlorobenzene	13.38	146	686101	21.87	ug/l	95
89) n-Butylbenzene	13.63	91	1271199	19.94	ug/l	95
90) Hexachloroethane	13.85	117	291586	21.22	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	575366	21.80	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.21	75	27176	20.25	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.77	180	436768	20.87	ug/l	97
94) Hexachlorobutadiene	14.87	225	326096	20.84	ug/l	100
95) Naphthalene	14.96	128	508089	19.89	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	347165	20.71	ug/l	98

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

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