

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007184.D
 Acq On : 04 Dec 2018 13:20
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:43 PM

Quant Time: Dec 05 01:04:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	81437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109592	104.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.08%	
35) Dibromofluoromethane	7.88	113	106558	106.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.70%	
50) Toluene-d8	10.33	98	446814	101.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.46%	
62) 4-Bromofluorobenzene	12.62	95	162059	97.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	106450	86.410	ug/l	98
3) Chloromethane	2.22	50	135917	87.122	ug/l	99
4) Vinyl Chloride	2.36	62	89666	91.796	ug/l	98
5) Bromomethane	2.75	94	45536	93.031	ug/l	96
6) Chloroethane	2.91	64	51357	93.706	ug/l	95
7) Trichlorofluoromethane	3.26	101	187998	98.718	ug/l	99
8) Diethyl Ether	3.69	74	54588	102.834	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111642	97.045	ug/l	98
10) Methyl Iodide	4.27	142	105748	107.906	ug/l	99
11) Tert butyl alcohol	5.17	59	46120	376.934	ug/l	98
12) 1,1-Dichloroethene	4.04	96	105577	97.929	ug/l	99
13) Acrolein	3.90	56	37208	506.529	ug/l	99
14) Allyl chloride	4.67	41	171044	98.978	ug/l	99
15) Acrylonitrile	5.37	53	116448	524.741	ug/l	98
16) Acetone	4.12	43	129544	521.979	ug/l	99
17) Carbon Disulfide	4.39	76	357320	100.548	ug/l	100
18) Methyl Acetate	4.68	43	58148	102.646	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	258839	101.973	ug/l	99
20) Methylene Chloride	4.92	84	117754	79.788	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	120912	100.442	ug/l	98
22) Diisopropyl ether	6.32	45	300879	96.988	ug/l	95
23) Vinyl Acetate	6.26	43	841540	497.155	ug/l	97
24) 1,1-Dichloroethane	6.22	63	198738	99.952	ug/l	100
25) 2-Butanone	7.18	43	145971	507.391	ug/l	98
26) 2,2-Dichloropropane	7.17	77	183969	96.281	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	128564	99.625	ug/l	99
28) Bromochloromethane	7.52	49	69483	96.914	ug/l	99
29) Tetrahydrofuran	7.53	42	93428	525.527	ug/l	99
30) Chloroform	7.68	83	208226	100.766	ug/l	98
31) Cyclohexane	7.96	56	185459	89.147	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	189537	97.465	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164236	96.459	ug/l	99
37) Ethyl Acetate	7.26	43	62466	101.424	ug/l	98
38) Carbon Tetrachloride	8.07	117	168745	97.100	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	218271	95.763	ug/l	96
40) Benzene	8.33	78	464174	99.419	ug/l	100
41) Methacrylonitrile	7.49	41	35719	96.825	ug/l	91
42) 1,2-Dichloroethane	8.40	62	131139	100.501	ug/l	99
43) Isopropyl Acetate	8.43	43	124950	104.458	ug/l	99
44) Trichloroethene	9.09	130	129067	98.346	ug/l	98
45) 1,2-Dichloropropane	9.37	63	106471	97.996	ug/l	92
46) Dibromomethane	9.46	93	57364	101.607	ug/l	99
47) Bromodichloromethane	9.65	83	147690	99.451	ug/l	99
48) Methyl methacrylate	9.44	41	63549	102.362	ug/l	97
49) 1,4-Dioxane	9.45	88	19498	1977.003	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	307353	521.396	ug/l	100
52) Toluene	10.39	92	313371	96.489	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	153398	102.741	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	176576	100.915	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	81563	101.566	ug/l	97
56) Ethyl methacrylate	10.65	69	107902	103.006	ug/l	99
57) 1,3-Dichloropropane	10.93	76	135191	99.714	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	214300	509.322	ug/l	99
59) 2-Hexanone	10.97	43	229345	536.700	ug/l	98
60) Dibromochloromethane	11.13	129	103012	104.370	ug/l	94
61) 1,2-Dibromoethane	11.24	107	78160	101.475	ug/l	98
64) Tetrachloroethene	10.87	164	110341	94.632	ug/l	95
65) Chlorobenzene	11.66	112	342486	96.089	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	109602	99.568	ug/l	98
67) Ethyl Benzene	11.74	91	622279	95.791	ug/l	98
68) m/p-Xylenes	11.84	106	481852	189.073	ug/l	97
69) o-Xylene	12.17	106	227711	95.635	ug/l	99
70) Styrene	12.18	104	375792	96.414	ug/l	99
71) Bromoform	12.35	173	57629	104.582	ug/l #	99
73) Isopropylbenzene	12.47	105	636273	96.062	ug/l	100
74) N-amyl acetate	12.27	43	114549	97.543	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	85205	99.051	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67662m	61.817	ug/l	
77) Bromobenzene	12.75	156	136298	95.332	ug/l	99
78) n-propylbenzene	12.81	91	727457	92.187	ug/l	99
79) 2-Chlorotoluene	12.90	91	416456	93.457	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	534966	94.412	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	29809	101.890	ug/l	98
82) 4-Chlorotoluene	12.99	91	446095	94.101	ug/l	97
83) tert-Butylbenzene	13.21	119	472723	95.466	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	536774	92.803	ug/l	97
85) sec-Butylbenzene	13.39	105	671505	94.991	ug/l	99
86) p-Isopropyltoluene	13.51	119	606293	96.345	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	280298	95.502	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	277703	93.671	ug/l	97
89) n-Butylbenzene	13.83	91	553836	94.181	ug/l	99
90) Hexachloroethane	14.10	117	93526	97.528	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	243612	95.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16970	101.837	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	171792	97.563	ug/l	99
94) Hexachlorobutadiene	15.24	225	89602	94.364	ug/l	99
95) Naphthalene	15.38	128	321384	101.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	146773	98.853	ug/l	100

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

