

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006543.D
 Acq On : 31 Oct 2018 23:55
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:11:24 PM

Quant Time: Nov 01 03:31:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	291259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	214026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	24599	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	
35) Dibromofluoromethane	7.88	113	26999	10.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.66%	
50) Toluene-d8	10.33	98	99529	10.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.94%	
62) 4-Bromofluorobenzene	12.62	95	36069	10.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	17799m	12.493	ug/l	
3) Chloromethane	2.21	50	20283	10.979	ug/l	93
4) Vinyl Chloride	2.37	62	29101	11.088	ug/l	96
5) Bromomethane	2.79	94	24055	10.128	ug/l	94
6) Chloroethane	2.93	64	19883	10.606	ug/l	97
7) Trichlorofluoromethane	3.26	101	24154	9.982	ug/l	96
8) Diethyl Ether	3.68	74	13386	10.428	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26245	10.211	ug/l	98
10) Methyl Iodide	4.27	142	47894	11.077	ug/l	100
11) Tert butyl alcohol	5.25	59	6973	43.825	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	25306	10.425	ug/l	99
13) Acrolein	3.90	56	8312	51.985	ug/l	100
14) Allyl chloride	4.67	41	31756	9.262	ug/l	97
15) Acrylonitrile	5.38	53	21937	46.880	ug/l	99
16) Acetone	4.15	43	20604	40.096	ug/l	96
17) Carbon Disulfide	4.37	76	70262	9.692	ug/l	99
18) Methyl Acetate	4.68	43	11156	9.274	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	36509	9.919	ug/l	98
20) Methylene Chloride	4.92	84	39328	13.773	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	28577	10.537	ug/l	98
22) Diisopropyl ether	6.31	45	66870	9.795	ug/l	96
23) Vinyl Acetate	6.26	43	174144	43.503	ug/l	99
24) 1,1-Dichloroethane	6.22	63	45802	10.351	ug/l	99
25) 2-Butanone	7.18	43	28637	44.387	ug/l	96
26) 2,2-Dichloropropane	7.17	77	28428	9.285	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	31470	10.483	ug/l	99
28) Bromochloromethane	7.51	49	17416	10.220	ug/l	99
29) Tetrahydrofuran	7.54	42	17370	43.729	ug/l	98
30) Chloroform	7.68	83	50522	10.436	ug/l	99
31) Cyclohexane	7.96	56	43708	10.039	ug/l #	91
32) 1,1,1-Trichloroethane	7.88	97	42445	9.831	ug/l	99
36) 1,1-Dichloropropene	8.08	75	39166	10.267	ug/l	99
37) Ethyl Acetate	7.26	43	12743	9.035	ug/l	100
38) Carbon Tetrachloride	8.07	117	40129	9.663	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	49085	9.729	ug/l	99
40) Benzene	8.33	78	110593	10.486	ug/l	100
41) Methacrylonitrile	7.49	41	7420	8.791	ug/l	95
42) 1,2-Dichloroethane	8.40	62	31533	10.243	ug/l	100
43) Isopropyl Acetate	8.43	43	24607	8.588	ug/l	98
44) Trichloroethene	9.09	130	34738	10.730	ug/l	100
45) 1,2-Dichloropropane	9.37	63	25538	10.159	ug/l	97
46) Dibromomethane	9.46	93	14638	10.188	ug/l	99
47) Bromodichloromethane	9.65	83	33393	9.619	ug/l	99
48) Methyl methacrylate	9.44	41	11676	8.573	ug/l	99
49) 1,4-Dioxane	9.49	88	4077	185.570	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	62008	42.984	ug/l	99
52) Toluene	10.39	92	73024	10.330	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	30636	8.893	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	37172	9.380	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	21169	10.505	ug/l	95
56) Ethyl methacrylate	10.65	69	22040	8.982	ug/l	98
57) 1,3-Dichloropropane	10.93	76	33673	10.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	54181	55.575	ug/l	99
59) 2-Hexanone	10.98	43	41394	40.358	ug/l	98
60) Dibromochloromethane	11.13	129	22967	9.192	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20147	10.011	ug/l	100
64) Tetrachloroethene	10.87	164	33011	10.903	ug/l	99
65) Chlorobenzene	11.66	112	86813	10.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	28930	9.844	ug/l	98
67) Ethyl Benzene	11.74	91	144701	10.122	ug/l	97
68) m/p-Xylenes	11.85	106	113681	20.079	ug/l	99
69) o-Xylene	12.17	106	53999	10.003	ug/l	100
70) Styrene	12.19	104	86036	9.791	ug/l	99
71) Bromoform	12.35	173	14039	8.634	ug/l #	96
73) Isopropylbenzene	12.47	105	147133	9.804	ug/l	100
74) N-amyl acetate	12.27	43	23277	8.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	22333	9.781	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17135m	10.346	ug/l	
77) Bromobenzene	12.75	156	38316	10.358	ug/l	99
78) n-propylbenzene	12.81	91	172503	9.909	ug/l	99
79) 2-Chlorotoluene	12.90	91	98641	10.076	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	125548	9.937	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4954	7.388	ug/l	94
82) 4-Chlorotoluene	12.99	91	105541	10.252	ug/l	99
83) tert-Butylbenzene	13.21	119	110903	9.806	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	128724	10.039	ug/l	98
85) sec-Butylbenzene	13.39	105	157801	9.906	ug/l	100
86) p-Isopropyltoluene	13.51	119	141110	9.785	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	76611	10.408	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	76339	10.424	ug/l	97
89) n-Butylbenzene	13.83	91	126824	9.643	ug/l	99
90) Hexachloroethane	14.10	117	22258	9.157	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	68694	10.460	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3642	9.043	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	50105	9.908	ug/l	99
94) Hexachlorobutadiene	15.24	225	31950	10.122	ug/l	98
95) Naphthalene	15.38	128	73204	8.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	42995	9.816	ug/l	99

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

