

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005893.D
 Acq On : 08 Oct 2018 13:32
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:12:26 PM

Quant Time: Oct 09 02:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	504442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	459110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	243835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	487681	148.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.78%	
35) Dibromofluoromethane	7.88	113	475412	147.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.22%	
50) Toluene-d8	10.33	98	1836160	148.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.36%	
62) 4-Bromofluorobenzene	12.62	95	686782	145.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	248801	150.47	ug/l	97
3) Chloromethane	2.21	50	292922	150.61	ug/l	100
4) Vinyl Chloride	2.37	62	452131	146.43	ug/l	98
5) Bromomethane	2.78	94	377530	154.92	ug/l	100
6) Chloroethane	2.92	64	313496	159.36	ug/l	97
7) Trichlorofluoromethane	3.25	101	391360	159.67	ug/l	98
8) Diethyl Ether	3.68	74	218848	145.08	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	441977	142.89	ug/l	99
10) Methyl Iodide	4.26	142	747518	147.77	ug/l	100
11) Tert butyl alcohol	5.21	59	162916	678.65	ug/l	99
12) 1,1-Dichloroethene	4.03	96	430242	144.85	ug/l	99
13) Acrolein	3.89	56	140634	657.40	ug/l	97
14) Allyl chloride	4.66	41	719165	141.98	ug/l	100
15) Acrylonitrile	5.37	53	480407	731.81	ug/l	100
16) Acetone	4.14	43	415464	635.01	ug/l	98
17) Carbon Disulfide	4.37	76	1335699	148.74	ug/l	100
18) Methyl Acetate	4.67	43	251693	152.45	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	659220	142.66	ug/l	99
20) Methylene Chloride	4.91	84	441643	134.73	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	484179	149.56	ug/l	96
22) Diisopropyl ether	6.31	45	1386788	146.46	ug/l	99
23) Vinyl Acetate	6.26	43	4319634	741.18	ug/l	99
24) 1,1-Dichloroethane	6.21	63	853088	147.22	ug/l	100
25) 2-Butanone	7.18	43	641444	689.30	ug/l	99
26) 2,2-Dichloropropane	7.17	77	535200	131.24	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	543933	148.57	ug/l	98
28) Bromochloromethane	7.51	49	294613	137.74	ug/l	99
29) Tetrahydrofuran	7.53	42	425763	723.77	ug/l	100
30) Chloroform	7.68	83	884700	148.64	ug/l	99
31) Cyclohexane	7.95	56	773992	134.97	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	769733	145.22	ug/l	100
36) 1,1-Dichloropropene	8.09	75	693580	143.49	ug/l	100
37) Ethyl Acetate	7.26	43	299238	146.19	ug/l	99
38) Carbon Tetrachloride	8.07	117	759907	146.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	917799	143.96	ug/l	99
40) Benzene	8.32	78	1930296	145.91	ug/l	100
41) Methacrylonitrile	7.49	41	185547	144.79	ug/l	96
42) 1,2-Dichloroethane	8.40	62	585969	146.61	ug/l	100
43) Isopropyl Acetate	8.43	43	634933	148.50	ug/l	100
44) Trichloroethene	9.09	130	568129	148.01	ug/l	98
45) 1,2-Dichloropropane	9.37	63	483107	145.89	ug/l	100
46) Dibromomethane	9.46	93	269761	148.22	ug/l	100
47) Bromodichloromethane	9.65	83	680686	148.63	ug/l	98
48) Methyl methacrylate	9.44	41	303148	148.83	ug/l	99
49) 1,4-Dioxane	9.47	88	82289	2976.67	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1529761	734.71	ug/l	99
52) Toluene	10.39	92	1286241	148.00	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	713759	149.13	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	794821	147.73	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	373089	148.00	ug/l	100
56) Ethyl methacrylate	10.65	69	509864	150.07	ug/l	99
57) 1,3-Dichloropropane	10.93	76	624120	147.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	990377	716.40	ug/l	100
59) 2-Hexanone	10.97	43	1065140	713.46	ug/l	98
60) Dibromochloromethane	11.13	129	489998	150.63	ug/l	100
61) 1,2-Dibromoethane	11.24	107	375065	148.90	ug/l	100
64) Tetrachloroethene	10.87	164	511434	149.55	ug/l	98
65) Chlorobenzene	11.66	112	1432552	145.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	539921	149.78	ug/l	99
67) Ethyl Benzene	11.73	91	2505633	144.25	ug/l	98
68) m/p-Xylenes	11.84	106	1972609	290.59	ug/l	99
69) o-Xylene	12.17	106	951400	146.40	ug/l	100
70) Styrene	12.18	104	1591821	147.63	ug/l	100
71) Bromoform	12.35	173	328723	153.10	ug/l #	99
73) Isopropylbenzene	12.47	105	2616050	146.91	ug/l	100
74) N-amyl acetate	12.27	43	629190	148.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	429892	147.28	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	335316m	89.85	ug/l	
77) Bromobenzene	12.75	156	630065	149.34	ug/l	99
78) n-propylbenzene	12.81	91	3021657	144.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	1723271	145.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2172749	144.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	154433	149.68	ug/l	98
82) 4-Chlorotoluene	12.99	91	1819238	146.22	ug/l	99
83) tert-Butylbenzene	13.21	119	1948734	145.73	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2186220	144.16	ug/l	100
85) sec-Butylbenzene	13.39	105	2694604	143.56	ug/l	100
86) p-Isopropyltoluene	13.51	119	2431897	144.07	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1226885	146.37	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1204047	144.56	ug/l	100
89) n-Butylbenzene	13.83	91	2255951	141.79	ug/l	100
90) Hexachloroethane	14.10	117	460800	145.15	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1085061	145.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	79839	146.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	827764	143.46	ug/l	100
94) Hexachlorobutadiene	15.24	225	521305	144.75	ug/l	100
95) Naphthalene	15.38	128	1466418	147.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	723333	144.78	ug/l	100

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

