

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004313.D
 Acq On : 29 Jul 2018 14:21
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:42 AM

Quant Time: Jul 30 01:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	200964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	434204	148.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.72%	
35) Dibromofluoromethane	7.88	113	409111	147.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.38%	
50) Toluene-d8	10.33	98	1647508	150.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.98%	
62) 4-Bromofluorobenzene	12.62	95	576989	149.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	169563	164.89	ug/l	99
3) Chloromethane	2.21	50	219342	134.78	ug/l	97
4) Vinyl Chloride	2.36	62	326607	116.62	ug/l	99
5) Bromomethane	2.76	94	229612	124.11	ug/l	98
6) Chloroethane	2.92	64	238606	135.72	ug/l	94
7) Trichlorofluoromethane	3.25	101	160140	95.57	ug/l	100
8) Diethyl Ether	3.67	74	165266	112.55	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	400223	137.74	ug/l	99
10) Methyl Iodide	4.26	142	637258	146.60	ug/l	99
11) Tert butyl alcohol	5.18	59	139987	651.96	ug/l	100
12) 1,1-Dichloroethene	4.03	96	413847	142.53	ug/l	98
13) Acrolein	3.89	56	133184	699.81	ug/l	96
14) Allyl chloride	4.66	41	710234	152.14	ug/l	99
15) Acrylonitrile	5.37	53	482601	731.92	ug/l	99
16) Acetone	4.12	43	448369	668.55	ug/l	100
17) Carbon Disulfide	4.37	76	1318078	146.82	ug/l	100
18) Methyl Acetate	4.67	43	244916	141.95	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	767190	148.39	ug/l	99
20) Methylene Chloride	4.91	84	407775	130.64	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	439589	141.96	ug/l	95
22) Diisopropyl ether	6.31	45	1328121	151.17	ug/l	98
23) Vinyl Acetate	6.26	43	4019741	788.66	ug/l	99
24) 1,1-Dichloroethane	6.21	63	789224	139.49	ug/l	99
25) 2-Butanone	7.17	43	629185	774.07	ug/l	98
26) 2,2-Dichloropropane	7.17	77	442706	134.87	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	475790	150.98	ug/l	98
28) Bromochloromethane	7.51	49	283614	143.03	ug/l	99
29) Tetrahydrofuran	7.53	42	414556	797.02	ug/l	99
30) Chloroform	7.68	83	773290	143.09	ug/l	99
31) Cyclohexane	7.95	56	740243	148.16	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	625926	141.02	ug/l	99
36) 1,1-Dichloropropene	8.08	75	642086	146.42	ug/l	99
37) Ethyl Acetate	7.26	43	273411	152.15	ug/l	99
38) Carbon Tetrachloride	8.07	117	617018	142.50	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	811589	153.59	ug/l	96
40) Benzene	8.32	78	1811575	146.85	ug/l	99
41) Methacrylonitrile	7.49	41	179335	172.84	ug/l	99
42) 1,2-Dichloroethane	8.40	62	505994	143.47	ug/l	100
43) Isopropyl Acetate	8.43	43	539817	166.68	ug/l	99
44) Trichloroethene	9.09	130	473363	142.13	ug/l	100
45) 1,2-Dichloropropane	9.37	63	456490	149.12	ug/l	99
46) Dibromomethane	9.46	93	227017	145.23	ug/l	99
47) Bromodichloromethane	9.65	83	579068	146.06	ug/l	99
48) Methyl methacrylate	9.44	41	270295	163.87	ug/l	97
49) 1,4-Dioxane	9.45	88	68916	2908.34	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1408642	792.52	ug/l	99
52) Toluene	10.39	92	1129869	145.88	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	614031	154.63	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	709550	153.27	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	321088	144.17	ug/l	96
56) Ethyl methacrylate	10.65	69	437286	162.25	ug/l	98
57) 1,3-Dichloropropane	10.94	76	556651	146.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	991650	828.30	ug/l	99
59) 2-Hexanone	10.98	43	955630	783.02	ug/l	98
60) Dibromochloromethane	11.13	129	387341	145.35	ug/l	98
61) 1,2-Dibromoethane	11.24	107	304845	143.54	ug/l	97
64) Tetrachloroethene	10.87	164	393119	136.12	ug/l	95
65) Chlorobenzene	11.66	112	1192503	144.03	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	422676	144.75	ug/l	99
67) Ethyl Benzene	11.74	91	2154793	149.31	ug/l	99
68) m/p-Xylenes	11.85	106	1647364	296.63	ug/l	99
69) o-Xylene	12.17	106	783174	152.63	ug/l	96
70) Styrene	12.19	104	1315136	151.70	ug/l	98
71) Bromoform	12.35	173	239154	146.14	ug/l	# 99
73) Isopropylbenzene	12.47	105	2155342	154.67	ug/l	100
74) N-amyl acetate	12.28	43	501158	165.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	366886	150.30	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	257901m	84.20	ug/l	
77) Bromobenzene	12.76	156	497855	147.87	ug/l	98
78) n-propylbenzene	12.81	91	2577636	151.84	ug/l	100
79) 2-Chlorotoluene	12.90	91	1444576	148.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1809913	150.77	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	124644	158.13	ug/l	98
82) 4-Chlorotoluene	12.99	91	1501022	146.09	ug/l	99
83) tert-Butylbenzene	13.21	119	1484606	148.45	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	1855792	151.58	ug/l	98
85) sec-Butylbenzene	13.39	105	2218082	151.84	ug/l	98
86) p-Isopropyltoluene	13.51	119	1913394	145.84	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	945319	140.27	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	939190	139.68	ug/l	99
89) n-Butylbenzene	13.83	91	1842378	150.38	ug/l	99
90) Hexachloroethane	14.10	117	345561	147.67	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	843792	139.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	62760	147.29	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	617320	145.75	ug/l	100
94) Hexachlorobutadiene	15.25	225	350777	135.55	ug/l	99
95) Naphthalene	15.38	128	1143859	156.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	527611	142.35	ug/l	99

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

