

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004312.D
 Acq On : 29 Jul 2018 13:55
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:35 AM

Quant Time: Jul 30 01:50:42 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	292177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	440252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	391530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	296278	100.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.06%	
35) Dibromofluoromethane	7.88	113	277705	99.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.62%	
50) Toluene-d8	10.33	98	1124261	102.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.50%	
62) 4-Bromofluorobenzene	12.62	95	398597	102.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	105465m	101.85	ug/l	
3) Chloromethane	2.21	50	139773	85.28	ug/l	99
4) Vinyl Chloride	2.36	62	231780	82.18	ug/l	99
5) Bromomethane	2.76	94	160986	86.41	ug/l	96
6) Chloroethane	2.92	64	156886	88.61	ug/l	97
7) Trichlorofluoromethane	3.25	101	135425	80.26	ug/l	99
8) Diethyl Ether	3.68	74	118214	79.95	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	276332	94.44	ug/l	99
10) Methyl Iodide	4.26	142	425914	97.30	ug/l	99
11) Tert butyl alcohol	5.18	59	102172	472.52	ug/l	99
12) 1,1-Dichloroethene	4.03	96	283527	96.97	ug/l	98
13) Acrolein	3.89	56	93132	485.94	ug/l	97
14) Allyl chloride	4.66	41	490216	104.28	ug/l	100
15) Acrylonitrile	5.37	53	341282	513.98	ug/l	99
16) Acetone	4.12	43	335981	497.47	ug/l	99
17) Carbon Disulfide	4.37	76	899115	99.45	ug/l	100
18) Methyl Acetate	4.67	43	169092	97.32	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	536889	103.12	ug/l	98
20) Methylene Chloride	4.90	84	282423	89.85	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	302540	97.02	ug/l	99
22) Diisopropyl ether	6.31	45	919647	103.95	ug/l	98
23) Vinyl Acetate	6.26	43	2820099	549.43	ug/l	99
24) 1,1-Dichloroethane	6.21	63	544043	95.49	ug/l	99
25) 2-Butanone	7.17	43	455190	556.09	ug/l	99
26) 2,2-Dichloropropane	7.17	77	308347	93.28	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	323705	102.00	ug/l	99
28) Bromochloromethane	7.51	49	190172	95.23	ug/l	99
29) Tetrahydrofuran	7.53	42	297125	567.26	ug/l	100
30) Chloroform	7.68	83	534726	98.25	ug/l	100
31) Cyclohexane	7.96	56	511608	101.68	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	431026	96.43	ug/l	99
36) 1,1-Dichloropropene	8.08	75	444671	100.96	ug/l	99
37) Ethyl Acetate	7.26	43	196811	109.05	ug/l	99
38) Carbon Tetrachloride	8.07	117	423399	97.36	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	563871	106.25	ug/l	98
40) Benzene	8.32	78	1238292	99.94	ug/l	99
41) Methacrylonitrile	7.49	41	124737	119.70	ug/l	98
42) 1,2-Dichloroethane	8.40	62	348598	98.41	ug/l	100
43) Isopropyl Acetate	8.43	43	376633	115.79	ug/l	99
44) Trichloroethene	9.09	130	326655	97.66	ug/l	99
45) 1,2-Dichloropropane	9.37	63	314752	102.38	ug/l	98
46) Dibromomethane	9.46	93	157154	100.10	ug/l	99
47) Bromodichloromethane	9.65	83	394731	99.13	ug/l	99
48) Methyl methacrylate	9.44	41	187837	113.39	ug/l	99
49) 1,4-Dioxane	9.45	88	54339	2283.21	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	998409	559.28	ug/l	99
52) Toluene	10.39	92	783771	100.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	418757	105.00	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	485153	104.35	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	223597	99.96	ug/l	96
56) Ethyl methacrylate	10.65	69	306178	113.11	ug/l	99
57) 1,3-Dichloropropane	10.93	76	389809	102.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	665365	553.35	ug/l	100
59) 2-Hexanone	10.97	43	675022	550.69	ug/l	98
60) Dibromochloromethane	11.13	129	266658	99.63	ug/l	98
61) 1,2-Dibromoethane	11.24	107	215390	100.98	ug/l	100
64) Tetrachloroethene	10.87	164	273700	95.42	ug/l	96
65) Chlorobenzene	11.66	112	822802	100.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	282817	97.52	ug/l	99
67) Ethyl Benzene	11.74	91	1484047	103.53	ug/l	97
68) m/p-Xylenes	11.84	106	1125976	204.14	ug/l	96
69) o-Xylene	12.17	106	542238	106.40	ug/l	96
70) Styrene	12.19	104	909210	105.60	ug/l	98
71) Bromoform	12.35	173	165316	101.71	ug/l	# 100
73) Isopropylbenzene	12.47	105	1523108	108.12	ug/l	98
74) N-amyl acetate	12.28	43	365791	119.83	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	265480	107.58	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	177339m	57.27	ug/l	
77) Bromobenzene	12.76	156	342655	100.67	ug/l	98
78) n-propylbenzene	12.81	91	1825570	106.37	ug/l	99
79) 2-Chlorotoluene	12.90	91	1029595	104.89	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	1259022	103.74	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	90616	113.71	ug/l	96
82) 4-Chlorotoluene	12.99	91	1079132	103.89	ug/l	98
83) tert-Butylbenzene	13.21	119	1059212	104.76	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1283169	103.67	ug/l	98
85) sec-Butylbenzene	13.39	105	1535092	103.94	ug/l	97
86) p-Isopropyltoluene	13.51	119	1363643	102.81	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	666337	97.80	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	675265	99.34	ug/l	98
89) n-Butylbenzene	13.84	91	1286212	103.85	ug/l	98
90) Hexachloroethane	14.10	117	241689	102.16	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	604538	99.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	45416	105.43	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	425556	99.38	ug/l	98
94) Hexachlorobutadiene	15.25	225	254108	97.13	ug/l	97
95) Naphthalene	15.38	128	811446	110.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	376612	100.51	ug/l	100

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

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