

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004480.D
 Acq On : 06 Aug 2018 20:01
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 8/7/2018 4:49:09 PM

Quant Time: Aug 07 08:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	794597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1223896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1139600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	601591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	590258	72.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.64%	
35) Dibromofluoromethane	7.88	113	566337	72.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.16%	
50) Toluene-d8	10.33	98	2198061	71.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.44%	
62) 4-Bromofluorobenzene	12.62	95	809567	74.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	377317	117.17	ug/l	97
3) Chloromethane	2.22	50	518961	102.14	ug/l	99
4) Vinyl Chloride	2.37	62	705506	85.78	ug/l	98
5) Bromomethane	2.78	94	411931	77.87	ug/l	98
6) Chloroethane	2.92	64	433512	84.36	ug/l	99
7) Trichlorofluoromethane	3.25	101	264157	58.22	ug/l	95
8) Diethyl Ether	3.67	74	324586	75.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	582253	72.08	ug/l	99
10) Methyl Iodide	4.27	142	885668	73.62	ug/l	100
11) Tert butyl alcohol	5.20	59	174704	299.89	ug/l	99
12) 1,1-Dichloroethene	4.03	96	585323	72.87	ug/l	98
13) Acrolein	3.89	56	200014	372.51	ug/l	96
14) Allyl chloride	4.66	41	905093	71.13	ug/l	99
15) Acrylonitrile	5.37	53	754588	404.93	ug/l	99
16) Acetone	4.13	43	715320	386.65	ug/l	100
17) Carbon Disulfide	4.38	76	1896897	76.32	ug/l	99
18) Methyl Acetate	4.67	43	366091	75.69	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	825062	59.74	ug/l	97
20) Methylene Chloride	4.92	84	679464	76.01	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	640546	74.24	ug/l	97
22) Diisopropyl ether	6.31	45	1918588	78.60	ug/l	99
23) Vinyl Acetate	6.26	43	5895563	412.69	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1172026	74.30	ug/l	99
25) 2-Butanone	7.18	43	1228137	510.69	ug/l	100
26) 2,2-Dichloropropane	7.17	77	579845	65.08	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	702317	79.53	ug/l	100
28) Bromochloromethane	7.51	49	528047	92.03	ug/l	99
29) Tetrahydrofuran	7.53	42	660961	446.99	ug/l	99
30) Chloroform	7.68	83	1135120	75.51	ug/l	100
31) Cyclohexane	7.96	56	1104673	78.91	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	851580	69.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	932185	75.28	ug/l	100
37) Ethyl Acetate	7.26	43	427808	83.34	ug/l	99
38) Carbon Tetrachloride	8.07	117	821998	68.04	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1188687	79.00	ug/l	99
40) Benzene	8.32	78	2687811	76.81	ug/l	99
41) Methacrylonitrile	7.49	41	251924	85.76	ug/l	98
42) 1,2-Dichloroethane	8.40	62	725412	72.90	ug/l	100
43) Isopropyl Acetate	8.43	43	778692	84.48	ug/l	99
44) Trichloroethene	9.09	130	663578	71.00	ug/l	98
45) 1,2-Dichloropropane	9.37	63	677476	77.99	ug/l	100
46) Dibromomethane	9.46	93	337565	75.91	ug/l	99
47) Bromodichloromethane	9.65	83	807424	72.52	ug/l	99
48) Methyl methacrylate	9.44	41	371966	79.88	ug/l	99
49) 1,4-Dioxane	9.46	88	109805	1624.88	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	2712699	505.43	ug/l	100
52) Toluene	10.39	92	1608338	73.72	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	831432	74.56	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	979460	75.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	473327	74.95	ug/l	99
56) Ethyl methacrylate	10.65	69	643257	83.79	ug/l	100
57) 1,3-Dichloropropane	10.94	76	835689	77.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1548168	440.63	ug/l	100
59) 2-Hexanone	10.98	43	1856153	505.34	ug/l	100
60) Dibromochloromethane	11.13	129	536112	71.50	ug/l	100
61) 1,2-Dibromoethane	11.24	107	452691	75.03	ug/l	100
64) Tetrachloroethene	10.87	164	552920	66.68	ug/l	98
65) Chlorobenzene	11.66	112	1751816	72.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	601280	70.95	ug/l	100
67) Ethyl Benzene	11.74	91	3123379	74.35	ug/l	99
68) m/p-Xylenes	11.85	106	2407447	149.35	ug/l	99
69) o-Xylene	12.17	106	1136982	76.28	ug/l	100
70) Styrene	12.19	104	1931576	76.41	ug/l	100
71) Bromoform	12.35	173	327344	69.08	ug/l #	100
73) Isopropylbenzene	12.47	105	3116314	74.26	ug/l	100
74) N-amyl acetate	12.28	43	760261	82.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	598842	79.62	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	415650m	76.45	ug/l	
77) Bromobenzene	12.75	156	719545	71.27	ug/l	100
78) n-propylbenzene	12.81	91	3819144	74.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	2138871	73.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	2621521	72.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	188585	78.67	ug/l	99
82) 4-Chlorotoluene	12.99	91	2250954	72.37	ug/l	100
83) tert-Butylbenzene	13.21	119	2253327	74.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2718444	73.60	ug/l	100
85) sec-Butylbenzene	13.39	105	3315401	75.45	ug/l	100
86) p-Isopropyltoluene	13.51	119	2917589	74.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1447590	71.23	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1432841	70.70	ug/l	100
89) n-Butylbenzene	13.83	91	2840319	76.58	ug/l	99
90) Hexachloroethane	14.10	117	518327	73.68	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1313729	72.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	98835	75.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	941135	73.65	ug/l	99
94) Hexachlorobutadiene	15.25	225	527306	67.89	ug/l	100
95) Naphthalene	15.38	128	1873450	83.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	846321	75.16	ug/l	99

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

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