

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011531.D
 Acq On : 26 Jul 2019 22:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:19:16 AM

Quant Time: Jul 27 06:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136506	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	7.88	113	109919	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.32	98	438946	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	156437	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	56968	48.501	ug/l 98
3) Chloromethane	2.21	50	94712	46.502	ug/l 99
4) Vinyl Chloride	2.36	62	119187	48.607	ug/l 100
5) Bromomethane	2.77	94	64390	47.441	ug/l 99
6) Chloroethane	2.92	64	68183	48.679	ug/l 95
7) Trichlorofluoromethane	3.25	101	49976	45.604	ug/l 99
8) Diethyl Ether	3.68	74	66520	53.537	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100840	48.508	ug/l 98
10) Methyl Iodide	4.28	142	153990	52.418	ug/l 99
11) Tert butyl alcohol	5.17	59	46998	264.158	ug/l 99
12) 1,1-Dichloroethene	4.04	96	107653	49.047	ug/l 96
13) Acrolein	3.89	56	36949	212.784	ug/l 99
14) Allyl chloride	4.66	41	237913	50.963	ug/l 100
15) Acrylonitrile	5.37	53	170071	274.201	ug/l 99
16) Acetone	4.12	43	166095	215.761	ug/l 100
17) Carbon Disulfide	4.39	76	337402	49.114	ug/l 98
18) Methyl Acetate	4.67	43	104006	60.141	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	193155	55.455	ug/l 99
20) Methylene Chloride	4.92	84	128325	48.335	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	120808	51.052	ug/l 99
22) Diisopropyl ether	6.31	45	467967	53.169	ug/l 99
23) Vinyl Acetate	6.25	43	1461144	264.196	ug/l 100
24) 1,1-Dichloroethane	6.21	63	245301	52.038	ug/l 99
25) 2-Butanone	7.17	43	256917	255.050	ug/l 98
26) 2,2-Dichloropropane	7.17	77	129806	44.777	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	132934	51.042	ug/l 99
28) Bromochloromethane	7.51	49	112108	53.581	ug/l 100
29) Tetrahydrofuran	7.52	42	159120	276.350	ug/l 99
30) Chloroform	7.67	83	223070	51.294	ug/l 97
31) Cyclohexane	7.95	56	205486	45.413	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	166690	50.330	ug/l 99
36) 1,1-Dichloropropene	8.08	75	175853	47.301	ug/l 99
37) Ethyl Acetate	7.25	43	110691	51.751	ug/l 98
38) Carbon Tetrachloride	8.07	117	149006	46.818	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191076	46.676	ug/l	98
40) Benzene	8.32	78	513636	49.324	ug/l	100
41) Methacrylonitrile	7.48	41	67173	52.537	ug/l	97
42) 1,2-Dichloroethane	8.40	62	163599	50.178	ug/l	100
43) Isopropyl Acetate	8.42	43	205329	52.198	ug/l	100
44) Trichloroethene	9.09	130	120096	47.983	ug/l	98
45) 1,2-Dichloropropane	9.37	63	140058	50.266	ug/l	100
46) Dibromomethane	9.46	93	65831	51.765	ug/l	99
47) Bromodichloromethane	9.65	83	169124	50.698	ug/l	99
48) Methyl methacrylate	9.43	41	101717	53.831	ug/l	100
49) 1,4-Dioxane	9.45	88	19780	1074.188	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	545750	266.730	ug/l	100
52) Toluene	10.39	92	308584	49.069	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176462	50.638	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208847	50.405	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	91732	50.838	ug/l	98
56) Ethyl methacrylate	10.65	69	141374	53.542	ug/l	99
57) 1,3-Dichloropropane	10.93	76	176185	51.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	397385	331.470	ug/l	100
59) 2-Hexanone	10.97	43	374811	259.446	ug/l	99
60) Dibromochloromethane	11.13	129	101935	50.893	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87142	51.033	ug/l	99
64) Tetrachloroethene	10.86	164	100093	48.196	ug/l	97
65) Chlorobenzene	11.66	112	315763	49.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	109946	49.222	ug/l	98
67) Ethyl Benzene	11.73	91	590196	48.325	ug/l	100
68) m/p-Xylenes	11.84	106	429099	96.610	ug/l	99
69) o-Xylene	12.16	106	203646	49.340	ug/l	99
70) Styrene	12.18	104	359667	50.400	ug/l	100
71) Bromoform	12.35	173	57955	50.888	ug/l #	99
73) Isopropylbenzene	12.46	105	554477	48.385	ug/l	99
74) N-amyl acetate	12.27	43	185866	51.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111904	51.914	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	77229m	47.515	ug/l	
77) Bromobenzene	12.74	156	126959	50.123	ug/l	100
78) n-propylbenzene	12.80	91	673826	48.315	ug/l	100
79) 2-Chlorotoluene	12.89	91	391010	48.666	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	471447	49.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35692	50.609	ug/l	98
82) 4-Chlorotoluene	12.99	91	415563	49.296	ug/l	99
83) tert-Butylbenzene	13.21	119	393793	49.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	478556	49.454	ug/l	99
85) sec-Butylbenzene	13.38	105	550999	48.071	ug/l	100
86) p-Isopropyltoluene	13.50	119	497569	47.844	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	242641	48.855	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	242030	48.989	ug/l	100
89) n-Butylbenzene	13.82	91	488506	47.070	ug/l	100
90) Hexachloroethane	14.09	117	88799	48.287	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	219147	49.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19654	53.469	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	154373	49.865	ug/l	99
94) Hexachlorobutadiene	15.24	225	89227	46.217	ug/l	98
95) Naphthalene	15.37	128	297212	49.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134511	49.568	ug/l	99

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

