

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007497.D
 Acq On : 13 Dec 2018 20:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 11:24:57 AM

Quant Time: Dec 14 04:34:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44940	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	42626	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
50) Toluene-d8	10.32	98	159700	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.62	95	61843	57.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26013	47.288	ug/l	98
3) Chloromethane	2.22	50	23060	50.053	ug/l	99
4) Vinyl Chloride	2.37	62	28248	52.247	ug/l	100
5) Bromomethane	2.78	94	19001	52.307	ug/l	94
6) Chloroethane	2.93	64	15900	53.425	ug/l	93
7) Trichlorofluoromethane	3.26	101	24008	49.391	ug/l	99
8) Diethyl Ether	3.68	74	17525	46.065	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41093	51.235	ug/l	98
10) Methyl Iodide	4.26	142	65845	49.569	ug/l	99
11) Tert butyl alcohol	5.17	59	16083	268.141	ug/l	99
12) 1,1-Dichloroethene	4.03	96	38742	50.170	ug/l	96
13) Acrolein	3.89	56	11234	283.057	ug/l	97
14) Allyl chloride	4.67	41	56867	49.959	ug/l	99
15) Acrylonitrile	5.37	53	43497	271.214	ug/l	100
16) Acetone	4.12	43	41406	271.433	ug/l	98
17) Carbon Disulfide	4.38	76	115367	49.272	ug/l	96
18) Methyl Acetate	4.67	43	22030	53.209	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	62479	53.633	ug/l	96
20) Methylene Chloride	4.91	84	41832	50.158	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	43010	49.789	ug/l	97
22) Diisopropyl ether	6.31	45	111195	50.822	ug/l	97
23) Vinyl Acetate	6.26	43	335652	274.276	ug/l	98
24) 1,1-Dichloroethane	6.21	63	72664	49.140	ug/l	98
25) 2-Butanone	7.17	43	57318	287.815	ug/l	100
26) 2,2-Dichloropropane	7.17	77	49438	50.516	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	46432	49.089	ug/l	96
28) Bromochloromethane	7.51	49	28321	50.917	ug/l	99
29) Tetrahydrofuran	7.53	42	35344	280.342	ug/l	97
30) Chloroform	7.68	83	79880	49.639	ug/l	98
31) Cyclohexane	7.95	56	64049	47.209	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	71034	50.337	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61703	52.312	ug/l	98
37) Ethyl Acetate	7.25	43	24937	56.842	ug/l	98
38) Carbon Tetrachloride	8.07	117	67864	52.878	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76748	53.735	ug/l	92
40) Benzene	8.32	78	166881	50.981	ug/l	99
41) Methacrylonitrile	7.48	41	14785	59.182	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53241	51.778	ug/l	100
43) Isopropyl Acetate	8.43	43	49368	56.969	ug/l	99
44) Trichloroethene	9.09	130	48513	51.900	ug/l	93
45) 1,2-Dichloropropane	9.37	63	39791	52.530	ug/l	98
46) Dibromomethane	9.46	93	23096	53.690	ug/l	96
47) Bromodichloromethane	9.65	83	58456	51.807	ug/l	92
48) Methyl methacrylate	9.43	41	24159	54.283	ug/l	95
49) 1,4-Dioxane	9.45	88	7933	1136.562	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	123190	300.861	ug/l	99
52) Toluene	10.39	92	110226	52.034	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	60427	55.163	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	67553	53.345	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34032	58.128	ug/l	97
56) Ethyl methacrylate	10.65	69	40879	58.091	ug/l	98
57) 1,3-Dichloropropane	10.93	76	53881	56.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	87277	268.948	ug/l	100
59) 2-Hexanone	10.97	43	88095	322.661	ug/l	98
60) Dibromochloromethane	11.13	129	41055	55.566	ug/l	95
61) 1,2-Dibromoethane	11.24	107	33014	57.061	ug/l	96
64) Tetrachloroethene	10.87	164	40805	47.695	ug/l	94
65) Chlorobenzene	11.66	112	126222	50.903	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	44476	50.927	ug/l	99
67) Ethyl Benzene	11.73	91	222564	52.205	ug/l	92
68) m/p-Xylenes	11.84	106	171365	103.396	ug/l	99
69) o-Xylene	12.17	106	81368	52.568	ug/l	98
70) Styrene	12.18	104	135469	54.185	ug/l	97
71) Bromoform	12.35	173	23381	52.305	ug/l #	98
73) Isopropylbenzene	12.47	105	229883	52.580	ug/l	99
74) N-amyl acetate	12.27	43	46363	58.349	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37404	57.762	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	27990m	59.494	ug/l	
77) Bromobenzene	12.75	156	50946	52.569	ug/l	93
78) n-propylbenzene	12.80	91	267032	54.271	ug/l	99
79) 2-Chlorotoluene	12.90	91	154741	51.975	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	195720	53.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12280	57.659	ug/l	92
82) 4-Chlorotoluene	12.99	91	163810	52.197	ug/l	98
83) tert-Butylbenzene	13.21	119	173643	53.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	196797	52.058	ug/l	98
85) sec-Butylbenzene	13.39	105	238878	54.059	ug/l	96
86) p-Isopropyltoluene	13.51	119	211707	53.330	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	99833	51.667	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	100507	51.740	ug/l	97
89) n-Butylbenzene	13.83	91	193971	52.707	ug/l	98
90) Hexachloroethane	14.10	117	37375	52.913	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	90921	52.537	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7315	56.290	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61573	51.699	ug/l	96
94) Hexachlorobutadiene	15.24	225	32144	50.867	ug/l	97
95) Naphthalene	15.37	128	130241	57.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	54421	52.602	ug/l	97

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

