

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010012.D
 Acq On : 17 Apr 2019 11:22
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:40:02 AM

Quant Time: Apr 18 01:59:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 01:42:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	375961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	612493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	563609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	288784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48812	10.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.04%	
35) Dibromofluoromethane	7.88	113	39213	10.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.14%	
50) Toluene-d8	10.32	98	146665	10.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.10%	
62) 4-Bromofluorobenzene	12.62	95	51034	9.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31879	11.310	ug/l	88
3) Chloromethane	2.21	50	31449	10.970	ug/l	99
4) Vinyl Chloride	2.37	62	35887	10.770	ug/l	94
5) Bromomethane	2.78	94	24977	11.153	ug/l	97
6) Chloroethane	2.92	64	22499	10.334	ug/l	93
7) Trichlorofluoromethane	3.26	101	23116	10.033	ug/l	97
8) Diethyl Ether	3.68	74	22060	11.511	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44699m	11.837	ug/l	
10) Methyl Iodide	4.27	142	58369	10.895	ug/l	98
11) Tert butyl alcohol	5.17	59	15220	57.760	ug/l	100
12) 1,1-Dichloroethene	4.04	96	39909	10.738	ug/l	95
13) Acrolein	3.89	56	14167	50.956	ug/l	88
14) Allyl chloride	4.66	41	70504	10.670	ug/l	95
15) Acrylonitrile	5.37	53	55075	55.842	ug/l	98
16) Acetone	4.12	43	65245	60.610	ug/l	90
17) Carbon Disulfide	4.38	76	110940	10.882	ug/l	98
18) Methyl Acetate	4.67	43	26528	10.648	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	49928	10.342	ug/l	96
20) Methylene Chloride	4.92	84	60922	12.301	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	42669	10.602	ug/l	95
22) Diisopropyl ether	6.31	45	147050	10.971	ug/l #	95
23) Vinyl Acetate	6.26	43	447213	53.002	ug/l	99
24) 1,1-Dichloroethane	6.21	63	88806	11.083	ug/l	97
25) 2-Butanone	7.17	43	78420	55.457	ug/l	96
26) 2,2-Dichloropropane	7.16	77	49847	11.245	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	46798	10.573	ug/l	99
28) Bromochloromethane	7.51	49	33670	10.283	ug/l	97
29) Tetrahydrofuran	7.53	42	49325	55.050	ug/l	99
30) Chloroform	7.67	83	90142	11.227	ug/l	98
31) Cyclohexane	7.95	56	83851	11.176	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	69486	11.025	ug/l	96
36) 1,1-Dichloropropene	8.08	75	68134	10.890	ug/l	99
37) Ethyl Acetate	7.26	43	34701	10.915	ug/l	97
38) Carbon Tetrachloride	8.07	117	66828	10.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71162	10.108	ug/l	97
40) Benzene	8.32	78	185035	10.816	ug/l	97
41) Methacrylonitrile	7.48	41	18431	10.172	ug/l	92
42) 1,2-Dichloroethane	8.40	62	66332	11.283	ug/l	98
43) Isopropyl Acetate	8.43	43	64474	10.822	ug/l	98
44) Trichloroethene	9.09	130	46489	10.700	ug/l	92
45) 1,2-Dichloropropane	9.37	63	49751	11.064	ug/l	98
46) Dibromomethane	9.46	93	25300	10.856	ug/l	99
47) Bromodichloromethane	9.64	83	65834	10.943	ug/l	96
48) Methyl methacrylate	9.43	41	31278	10.786	ug/l	95
49) 1,4-Dioxane	9.45	88	7864	220.833	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	168751	54.082	ug/l	99
52) Toluene	10.38	92	115588	10.847	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	62269	10.440	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	70251	10.315	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	36120	11.104	ug/l	97
56) Ethyl methacrylate	10.65	69	39017	9.649	ug/l	96
57) 1,3-Dichloropropane	10.93	76	63438	10.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88951	45.764	ug/l	99
59) 2-Hexanone	10.97	43	117849	54.257	ug/l	94
60) Dibromochloromethane	11.13	129	39758	10.575	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32965	10.653	ug/l	98
64) Tetrachloroethene	10.86	164	39840	10.889	ug/l	97
65) Chlorobenzene	11.66	112	128719	11.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44699	10.836	ug/l	97
67) Ethyl Benzene	11.73	91	212979	10.348	ug/l	100
68) m/p-Xylenes	11.84	106	163668	21.274	ug/l	100
69) o-Xylene	12.16	106	72137	10.298	ug/l	98
70) Styrene	12.18	104	121419	10.053	ug/l	98
71) Bromoform	12.35	173	23015	10.551	ug/l #	99
73) Isopropylbenzene	12.47	105	206017	10.250	ug/l	100
74) N-amyl acetate	12.27	43	57505	10.332	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	42938	10.813	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32937m	9.514	ug/l	
77) Bromobenzene	12.75	156	49526	10.714	ug/l	98
78) n-propylbenzene	12.80	91	257147	10.323	ug/l	100
79) 2-Chlorotoluene	12.90	91	148879	10.392	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	175461	10.296	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12135	9.900	ug/l	91
82) 4-Chlorotoluene	12.99	91	163176	10.822	ug/l	99
83) tert-Butylbenzene	13.21	119	144203	10.218	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	181930	10.530	ug/l	98
85) sec-Butylbenzene	13.39	105	221319	10.494	ug/l	99
86) p-Isopropyltoluene	13.50	119	191629	10.309	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102149	10.932	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102376	10.977	ug/l	97
89) n-Butylbenzene	13.83	91	185760	10.087	ug/l	99
90) Hexachloroethane	14.10	117	37076	10.414	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	92958	11.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7792	10.965	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	57018	10.316	ug/l	99
94) Hexachlorobutadiene	15.24	225	35954	10.712	ug/l	99
95) Naphthalene	15.37	128	94156	9.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	48890	10.195	ug/l	96

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

