

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008391.D
 Acq On : 22 Jan 2019 16:22
 Operator : SY/VA
 Sample : VW0122SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:42:41 AM

Quant Time: Jan 23 02:53:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	193741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59329	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.88	113	59613	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.32	98	254197	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	87365	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	14643	20.716	ug/l	97
3) Chloromethane	2.21	50	20542	19.825	ug/l	95
4) Vinyl Chloride	2.37	62	28945	21.863	ug/l	94
5) Bromomethane	2.78	94	23261	23.184	ug/l	96
6) Chloroethane	2.93	64	20121	23.219	ug/l	99
7) Trichlorofluoromethane	3.25	101	23892	24.578	ug/l	92
8) Diethyl Ether	3.67	74	14120	20.947	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21713	19.185	ug/l	95
10) Methyl Iodide	4.26	142	29345	16.077	ug/l	98
11) Tert butyl alcohol	5.19	59	6306	80.260	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	21199	18.417	ug/l	92
13) Acrolein	3.90	56	4547	61.917	ug/l	95
14) Allyl chloride	4.66	41	36764	19.105	ug/l	98
15) Acrylonitrile	5.37	53	22879	88.357	ug/l	93
16) Acetone	4.12	43	25137	92.755	ug/l	97
17) Carbon Disulfide	4.37	76	58262	16.634	ug/l	99
18) Methyl Acetate	4.67	43	14181	19.589	ug/l #	90
19) Methyl tert-butyl Ether	5.43	73	33193	18.838	ug/l	97
20) Methylene Chloride	4.90	84	26916	19.221	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	24913	19.271	ug/l	96
22) Diisopropyl ether	6.31	45	76521	20.368	ug/l #	96
23) Vinyl Acetate	6.26	43	191464	95.341	ug/l	97
24) 1,1-Dichloroethane	6.21	63	47326	20.689	ug/l #	97
25) 2-Butanone	7.17	43	32412	93.379	ug/l	98
26) 2,2-Dichloropropane	7.16	77	30311	20.764	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	26664	19.036	ug/l	94
28) Bromochloromethane	7.51	49	19654	20.855	ug/l #	100
29) Tetrahydrofuran	7.52	42	19809	91.543	ug/l	98
30) Chloroform	7.67	83	46471	20.533	ug/l	95
31) Cyclohexane	7.95	56	43543	19.979	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	39252	20.665	ug/l	98
36) 1,1-Dichloropropene	8.08	75	37273	19.122	ug/l	99
37) Ethyl Acetate	7.26	43	13136	16.342	ug/l	98
38) Carbon Tetrachloride	8.06	117	36134	18.773	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44102	19.021	ug/l	97
40) Benzene	8.32	78	106865	19.354	ug/l	96
41) Methacrylonitrile	7.48	41	7811	16.693	ug/l	94
42) 1,2-Dichloroethane	8.40	62	29080	18.835	ug/l	98
43) Isopropyl Acetate	8.42	43	26798	17.650	ug/l	98
44) Trichloroethene	9.09	130	27645	18.275	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27077	19.742	ug/l	100
46) Dibromomethane	9.46	93	13082	18.301	ug/l	92
47) Bromodichloromethane	9.65	83	34637	19.644	ug/l	99
48) Methyl methacrylate	9.43	41	13266	18.560	ug/l	96
49) 1,4-Dioxane	9.46	88	4099	356.210	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	69369	90.228	ug/l	97
52) Toluene	10.39	92	69268	19.824	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	33074	18.794	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	39520	19.050	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	19056	19.220	ug/l	93
56) Ethyl methacrylate	10.65	69	20665	17.748	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32398	18.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	56253	100.157	ug/l	98
59) 2-Hexanone	10.97	43	49377	91.663	ug/l	98
60) Dibromochloromethane	11.13	129	21652	18.298	ug/l	99
61) 1,2-Dibromoethane	11.24	107	17305	18.025	ug/l	98
64) Tetrachloroethene	10.87	164	22515	17.540	ug/l	94
65) Chlorobenzene	11.66	112	74977	18.777	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	24988	18.182	ug/l	98
67) Ethyl Benzene	11.73	91	131808	19.011	ug/l	100
68) m/p-Xylenes	11.84	106	105403	39.168	ug/l	99
69) o-Xylene	12.17	106	47954	19.073	ug/l	99
70) Styrene	12.18	104	77972	19.308	ug/l	99
71) Bromoform	12.35	173	11995	17.521	ug/l #	99
73) Isopropylbenzene	12.47	105	136146	19.946	ug/l	100
74) N-amyl acetate	12.27	43	24283	16.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	21255	18.307	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	15514m	18.185	ug/l	
77) Bromobenzene	12.75	156	29548	18.022	ug/l	95
78) n-propylbenzene	12.81	91	165320	20.010	ug/l	99
79) 2-Chlorotoluene	12.90	91	91512	19.386	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	114151	20.041	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	6255	17.497	ug/l	93
82) 4-Chlorotoluene	12.99	91	98528	19.974	ug/l	99
83) tert-Butylbenzene	13.21	119	99520	19.851	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	117513	20.252	ug/l	99
85) sec-Butylbenzene	13.39	105	147490	20.491	ug/l	100
86) p-Isopropyltoluene	13.51	119	128739	20.478	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	62973	19.331	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	62498	19.150	ug/l	98
89) n-Butylbenzene	13.83	91	126117	20.914	ug/l	99
90) Hexachloroethane	14.10	117	23523	20.219	ug/l	85
91) 1,2-Dichlorobenzene	13.87	146	54501	18.949	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	3448	18.162	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32990	16.944	ug/l	95
94) Hexachlorobutadiene	15.24	225	19470	17.744	ug/l	97
95) Naphthalene	15.38	128	55132	16.947	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	29018	17.111	ug/l	98

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

