

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016300.D
 Acq On : 21 Aug 2020 12:49
 Operator : SY/VA
 Sample : VW0822SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:55:02 PM

Quant Time: Aug 22 06:19:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111197	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.88	113	114014	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.32	98	448636	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.62	95	165335	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25986	16.957	ug/l	87
3) Chloromethane	2.21	50	26618	16.314	ug/l	99
4) Vinyl Chloride	2.37	62	38636	16.918	ug/l	95
5) Bromomethane	2.78	94	24258	17.084	ug/l	90
6) Chloroethane	2.92	64	22065	17.109	ug/l	92
7) Trichlorofluoromethane	3.26	101	37355	20.205	ug/l	100
8) Diethyl Ether	3.68	74	21464	18.501	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	43213	17.825	ug/l	98
10) Methyl Iodide	4.27	142	64627	18.450	ug/l	100
11) Tert butyl alcohol	5.21	59	13748m	117.548	ug/l	
12) 1,1-Dichloroethene	4.04	96	44225	17.926	ug/l	97
13) Acrolein	3.90	56	15486	91.663	ug/l	95
14) Allyl chloride	4.67	41	56713	17.157	ug/l	97
15) Acrylonitrile	5.38	53	40621	92.921	ug/l	99
16) Acetone	4.14	43	33261	79.008	ug/l	98
17) Carbon Disulfide	4.39	76	122686	16.936	ug/l	99
18) Methyl Acetate	4.68	43	17255	17.601	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63249	20.821	ug/l	97
20) Methylene Chloride	4.92	84	60554	20.212	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	47982	17.860	ug/l	96
22) Diisopropyl ether	6.31	45	113845	18.269	ug/l	95
23) Vinyl Acetate	6.26	43	330625	92.658	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76140	17.506	ug/l	97
25) 2-Butanone	7.18	43	50484	89.480	ug/l	95
26) 2,2-Dichloropropane	7.17	77	54449	19.380	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52200	18.824	ug/l	97
28) Bromochloromethane	7.51	49	29709	18.004	ug/l	92
29) Tetrahydrofuran	7.54	42	31407	93.126	ug/l	95
30) Chloroform	7.68	83	80609	17.838	ug/l	94
31) Cyclohexane	7.96	56	71729	17.886	ug/l #	90
32) 1,1,1-Trichloroethane	7.88	97	71270	18.772	ug/l	99
36) 1,1-Dichloropropene	8.09	75	66757	18.878	ug/l	99
37) Ethyl Acetate	7.26	43	23502	19.384	ug/l	99
38) Carbon Tetrachloride	8.07	117	66884	18.953	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82019	19.255	ug/l	98
40) Benzene	8.33	78	183300	18.425	ug/l	100
41) Methacrylonitrile	7.49	41	13951	20.161	ug/l	97
42) 1,2-Dichloroethane	8.40	62	50783	19.328	ug/l	99
43) Isopropyl Acetate	8.43	43	43085	18.889	ug/l	98
44) Trichloroethene	9.10	130	50903	18.066	ug/l	96
45) 1,2-Dichloropropane	9.37	63	43025	18.347	ug/l	96
46) Dibromomethane	9.46	93	23665	19.222	ug/l	98
47) Bromodichloromethane	9.65	83	59474	18.697	ug/l	99
48) Methyl methacrylate	9.44	41	19869	18.737	ug/l	91
49) 1,4-Dioxane	9.48	88	6397	412.635	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	112225	97.277	ug/l	99
52) Toluene	10.39	92	122718	19.264	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57705	19.593	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71170	19.443	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34201	19.361	ug/l	97
56) Ethyl methacrylate	10.65	69	41190	20.446	ug/l	96
57) 1,3-Dichloropropane	10.93	76	58424	19.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99758	108.611	ug/l	98
59) 2-Hexanone	10.97	43	75630	95.827	ug/l	98
60) Dibromochloromethane	11.13	129	40977	19.499	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32848	19.316	ug/l	100
64) Tetrachloroethene	10.87	164	41969	19.009	ug/l #	90
65) Chlorobenzene	11.66	112	128970	18.700	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	45652	18.937	ug/l	99
67) Ethyl Benzene	11.73	91	232095	18.725	ug/l	97
68) m/p-Xylenes	11.84	106	178598	37.486	ug/l	98
69) o-Xylene	12.17	106	82557	19.450	ug/l	97
70) Styrene	12.18	104	140607	19.144	ug/l	98
71) Bromoform	12.35	173	21451	19.882	ug/l #	96
73) Isopropylbenzene	12.46	105	229890	18.723	ug/l	100
74) N-amyl acetate	12.27	43	40907	18.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37749	18.373	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	26790m	18.078	ug/l	
77) Bromobenzene	12.75	156	51329	18.900	ug/l	96
78) n-propylbenzene	12.80	91	273489	18.660	ug/l	100
79) 2-Chlorotoluene	12.90	91	158936	18.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	205819	19.527	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	11461	18.551	ug/l	98
82) 4-Chlorotoluene	12.99	91	164128	18.621	ug/l	100
83) tert-Butylbenzene	13.21	119	165914	19.206	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	202559	19.420	ug/l	99
85) sec-Butylbenzene	13.38	105	238567	19.001	ug/l	99
86) p-Isopropyltoluene	13.50	119	220804	19.444	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101472	18.656	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	102339	19.108	ug/l	98
89) n-Butylbenzene	13.82	91	203855	19.404	ug/l	99
90) Hexachloroethane	14.10	117	38509	18.171	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	91067	19.205	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6131	19.412	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	59393	21.004	ug/l	95
94) Hexachlorobutadiene	15.24	225	34849	20.729	ug/l	99
95) Naphthalene	15.37	128	109463	20.719	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51845	21.349	ug/l	99

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

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