

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015227.D
 Acq On : 20 Apr 2020 17:10
 Operator : SY/VA
 Sample : VW0420SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0420SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:00:50 AM

Quant Time: Apr 21 07:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102268	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.89	113	99849	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	10.32	98	402352	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	148514	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37107	19.576	ug/l	96
3) Chloromethane	2.22	50	40431	19.587	ug/l	98
4) Vinyl Chloride	2.36	62	47977	19.682	ug/l	100
5) Bromomethane	2.77	94	37183	21.454	ug/l	92
6) Chloroethane	2.92	64	28542	18.877	ug/l	98
7) Trichlorofluoromethane	3.27	101	68010	19.717	ug/l	98
8) Diethyl Ether	3.70	74	19174	19.804	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42280	19.877	ug/l	93
10) Methyl Iodide	4.28	142	39406	17.638	ug/l	99
11) Tert butyl alcohol	5.17	59	15117	94.476	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	40229	19.649	ug/l	96
13) Acrolein	3.91	56	10662	127.311	ug/l	99
14) Allyl chloride	4.68	41	53194	19.585	ug/l #	87
15) Acrylonitrile	5.38	53	36853	100.023	ug/l	98
16) Acetone	4.13	43	28620	83.478	ug/l	100
17) Carbon Disulfide	4.39	76	120545	19.813	ug/l	99
18) Methyl Acetate	4.68	43	17020	18.755	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	97113	20.663	ug/l	95
20) Methylene Chloride	4.93	84	44688	19.888	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	46075	19.843	ug/l	96
22) Diisopropyl ether	6.32	45	103914	19.943	ug/l	91
23) Vinyl Acetate	6.26	43	310884	101.673	ug/l	95
24) 1,1-Dichloroethane	6.23	63	72658	20.120	ug/l	98
25) 2-Butanone	7.18	43	44274	97.335	ug/l	92
26) 2,2-Dichloropropane	7.17	77	73436	19.330	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	49171	19.615	ug/l	98
28) Bromochloromethane	7.52	49	27812	21.183	ug/l #	77
29) Tetrahydrofuran	7.53	42	29168	102.927	ug/l	90
30) Chloroform	7.68	83	77338	19.843	ug/l	97
31) Cyclohexane	7.96	56	70766	19.495	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	74946	19.924	ug/l	98
36) 1,1-Dichloropropene	8.09	75	63089	20.103	ug/l	99
37) Ethyl Acetate	7.26	43	20302	19.933	ug/l #	96
38) Carbon Tetrachloride	8.07	117	68473	19.965	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81522	19.516	ug/l	96
40) Benzene	8.33	78	166951	19.915	ug/l	97
41) Methacrylonitrile	7.49	41	11980	19.603	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	49142	19.912	ug/l	100
43) Isopropyl Acetate	8.43	43	43156	20.202	ug/l	96
44) Trichloroethene	9.09	130	51012	19.893	ug/l	95
45) 1,2-Dichloropropane	9.37	63	39249	20.132	ug/l	98
46) Dibromomethane	9.46	93	22364	19.831	ug/l #	89
47) Bromodichloromethane	9.65	83	60491	20.065	ug/l	99
48) Methyl methacrylate	9.44	41	19138	18.951	ug/l #	84
49) 1,4-Dioxane	9.45	88	5336	354.928	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	100387	100.108	ug/l	97
52) Toluene	10.39	92	112089	19.104	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	58294	19.610	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	68337	19.778	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30890	19.561	ug/l	98
56) Ethyl methacrylate	10.65	69	39694	19.512	ug/l	93
57) 1,3-Dichloropropane	10.93	76	51982	19.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94716	100.426	ug/l	91
59) 2-Hexanone	10.97	43	67672	94.537	ug/l	97
60) Dibromochloromethane	11.13	129	41649	19.976	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30750	19.956	ug/l	100
64) Tetrachloroethene	10.87	164	44087	19.402	ug/l	91
65) Chlorobenzene	11.66	112	121265	19.410	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	45352	20.197	ug/l	98
67) Ethyl Benzene	11.73	91	223454	19.179	ug/l	99
68) m/p-Xylenes	11.84	106	174444	38.198	ug/l	100
69) o-Xylene	12.16	106	81993	19.235	ug/l	100
70) Styrene	12.18	104	140571	19.346	ug/l	98
71) Bromoform	12.35	173	24806	19.606	ug/l #	99
73) Isopropylbenzene	12.46	105	230052	20.109	ug/l	99
74) N-amyl acetate	12.27	43	41017	20.608	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	32689	20.125	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	27362m	21.436	ug/l	
77) Bromobenzene	12.74	156	51918	19.753	ug/l	85
78) n-propylbenzene	12.80	91	264690	19.871	ug/l	97
79) 2-Chlorotoluene	12.89	91	150016	19.984	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	194843	19.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12187	20.871	ug/l	95
82) 4-Chlorotoluene	12.99	91	156406	19.624	ug/l	97
83) tert-Butylbenzene	13.21	119	172701	20.050	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	193824	19.940	ug/l	100
85) sec-Butylbenzene	13.38	105	234565	19.719	ug/l	98
86) p-Isopropyltoluene	13.50	119	218543	19.772	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	103958	19.906	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	103246	20.168	ug/l	99
89) n-Butylbenzene	13.82	91	197578	19.556	ug/l	98
90) Hexachloroethane	14.09	117	40593	20.025	ug/l	76
91) 1,2-Dichlorobenzene	13.87	146	90125	19.859	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5985	20.361	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61707	19.562	ug/l	98
94) Hexachlorobutadiene	15.24	225	40830	19.415	ug/l	99
95) Naphthalene	15.36	128	103051	20.309	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	50289	19.595	ug/l	97

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

