

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015335.D
 Acq On : 24 Apr 2020 11:50
 Operator : SY/VA
 Sample : VW0424SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Manual Integrations
 APPROVED

apatel
 4/27/2020 2:28:01 PM

Quant Time: Apr 25 07:00:13 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	214493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	147008	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	87422	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.88	113	85882	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.32	98	337453	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.62	95	124810	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	34520	20.380	ug/l	99
3) Chloromethane	2.21	50	35464	19.226	ug/l	98
4) Vinyl Chloride	2.36	62	44505	20.432	ug/l	97
5) Bromomethane	2.76	94	36697	23.695	ug/l	91
6) Chloroethane	2.92	64	25685	19.011	ug/l	97
7) Trichlorofluoromethane	3.26	101	66622	21.615	ug/l	98
8) Diethyl Ether	3.69	74	18718	21.636	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42793	22.514	ug/l	92
10) Methyl Iodide	4.28	142	32514	16.286	ug/l	99
11) Tert butyl alcohol	5.18	59	20573	143.887	ug/l	96
12) 1,1-Dichloroethene	4.04	96	39094	21.369	ug/l	89
13) Acrolein	3.90	56	10312	137.795	ug/l	94
14) Allyl chloride	4.67	41	47947	19.755	ug/l #	84
15) Acrylonitrile	5.37	53	35728	108.518	ug/l	99
16) Acetone	4.13	43	34504	112.626	ug/l	94
17) Carbon Disulfide	4.38	76	110577	20.339	ug/l	100
18) Methyl Acetate	4.68	43	17901	22.075	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	91347	21.750	ug/l	96
20) Methylene Chloride	4.92	84	38769	19.309	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	44418	21.407	ug/l	92
22) Diisopropyl ether	6.31	45	96301	20.683	ug/l	91
23) Vinyl Acetate	6.26	43	293318	107.353	ug/l	95
24) 1,1-Dichloroethane	6.22	63	67479	20.912	ug/l	97
25) 2-Butanone	7.17	43	46591	114.627	ug/l #	87
26) 2,2-Dichloropropane	7.17	77	73848	21.753	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47666	21.279	ug/l	99
28) Bromochloromethane	7.51	49	23937	20.403	ug/l #	70
29) Tetrahydrofuran	7.53	42	28767	113.601	ug/l	90
30) Chloroform	7.68	83	74371	21.354	ug/l	100
31) Cyclohexane	7.95	56	66813	20.598	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	74507	22.166	ug/l	99
36) 1,1-Dichloropropene	8.08	75	60796	22.329	ug/l	97
37) Ethyl Acetate	7.25	43	20780	23.517	ug/l	97
38) Carbon Tetrachloride	8.07	117	66964	22.506	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77981	21.519	ug/l	94
40) Benzene	8.32	78	157256	21.622	ug/l	96
41) Methacrylonitrile	7.48	41	11223	21.168	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	46861	21.886	ug/l	100
43) Isopropyl Acetate	8.42	43	41452	22.367	ug/l	95
44) Trichloroethene	9.09	130	51022	22.935	ug/l	94
45) 1,2-Dichloropropane	9.37	63	36630	21.657	ug/l	94
46) Dibromomethane	9.46	93	21651	22.129	ug/l #	86
47) Bromodichloromethane	9.65	83	57833	22.112	ug/l	99
48) Methyl methacrylate	9.43	41	17898	20.429	ug/l #	79
49) 1,4-Dioxane	9.45	88	6028	462.165	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	96918	111.403	ug/l	97
52) Toluene	10.38	92	105913	20.808	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	54978	21.318	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	65061	21.704	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30779	22.467	ug/l	94
56) Ethyl methacrylate	10.65	69	36562	20.716	ug/l	92
57) 1,3-Dichloropropane	10.93	76	49761	21.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	88643	108.334	ug/l	90
59) 2-Hexanone	10.96	43	68176	109.780	ug/l	98
60) Dibromochloromethane	11.13	129	40833	22.574	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30111	22.525	ug/l	98
64) Tetrachloroethene	10.86	164	45853	23.873	ug/l	93
65) Chlorobenzene	11.66	112	117075	22.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44379	23.382	ug/l	98
67) Ethyl Benzene	11.73	91	212127	21.540	ug/l	98
68) m/p-Xylenes	11.83	106	165833	42.959	ug/l	100
69) o-Xylene	12.16	106	77411	21.484	ug/l	100
70) Styrene	12.18	104	132494	21.572	ug/l	99
71) Bromoform	12.35	173	25309	23.665	ug/l #	98
73) Isopropylbenzene	12.46	105	220767	21.659	ug/l	100
74) N-amyl acetate	12.27	43	37270	21.018	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	32492	22.452	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	21446m	18.858	ug/l	
77) Bromobenzene	12.74	156	51558	22.017	ug/l	82
78) n-propylbenzene	12.80	91	251020	21.152	ug/l	97
79) 2-Chlorotoluene	12.89	91	143226	21.415	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	186533	21.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11232	21.590	ug/l	93
82) 4-Chlorotoluene	12.99	91	148720	20.943	ug/l	96
83) tert-Butylbenzene	13.21	119	168540	21.962	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	186095	21.489	ug/l	99
85) sec-Butylbenzene	13.38	105	229577	21.662	ug/l	98
86) p-Isopropyltoluene	13.50	119	211426	21.469	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	100075	21.508	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	100845	22.110	ug/l	98
89) n-Butylbenzene	13.82	91	190565	21.171	ug/l	97
90) Hexachloroethane	14.09	117	39224	21.718	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	89806	22.211	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5723	21.852	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61199	21.776	ug/l	98
94) Hexachlorobutadiene	15.24	225	42561	22.715	ug/l	98
95) Naphthalene	15.36	128	98108	21.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51418	22.487	ug/l	96

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

