

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015196.D
 Acq On : 15 Apr 2020 11:30
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 15 14:47:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:34:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	629721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1053677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	902040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	414780	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	31439	5.28	ug/l	0.00
Spiked Amount			Recovery	=	10.56%	
35) Dibromofluoromethane	7.88	113	30312	5.20	ug/l	0.00
Spiked Amount			Recovery	=	10.40%	
50) Toluene-d8	10.32	98	120198	5.08	ug/l	0.00
Spiked Amount			Recovery	=	10.16%	
62) 4-Bromofluorobenzene	12.62	95	42362	5.11	ug/l	0.00
Spiked Amount			Recovery	=	10.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	12864	3.610	ug/l	84
3) Chloromethane	2.21	50	25474	4.584	ug/l	96
4) Vinyl Chloride	2.36	62	24678	3.771	ug/l	98
5) Bromomethane	2.78	94	14808	4.299	ug/l	88
6) Chloroethane	2.93	64	14300	4.430	ug/l	98
7) Trichlorofluoromethane	3.26	101	18687	4.457	ug/l	96
8) Diethyl Ether	3.68	74	14105	4.363	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	27911	4.380	ug/l	95
10) Methyl Iodide	4.26	142	41287	4.339	ug/l	99
11) Tert butyl alcohol	5.17	59	12299	27.824	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	28112	4.284	ug/l	98
13) Acrolein	3.89	56	12508	27.218	ug/l	100
14) Allyl chloride	4.66	41	40928	4.216	ug/l	95
15) Acrylonitrile	5.37	53	28347	20.895	ug/l	98
16) Acetone	4.12	43	26355	24.850	ug/l	100
17) Carbon Disulfide	4.38	76	83981	4.204	ug/l	97
18) Methyl Acetate	4.67	43	13265	4.090	ug/l #	69
19) Methyl tert-butyl Ether	5.43	73	38794	4.514	ug/l	99
20) Methylene Chloride	4.91	84	43804	5.964	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	29937	4.323	ug/l	96
22) Diisopropyl ether	6.31	45	85678	4.376	ug/l #	90
23) Vinyl Acetate	6.26	43	238155	20.944	ug/l	99
24) 1,1-Dichloroethane	6.21	63	50273	4.319	ug/l	98
25) 2-Butanone	7.17	43	39190	23.092	ug/l	99
26) 2,2-Dichloropropane	7.17	77	39969	5.159	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	33904	4.542	ug/l	96
28) Bromochloromethane	7.51	49	22439	4.612	ug/l	99
29) Tetrahydrofuran	7.53	42	23252	20.901	ug/l	97
30) Chloroform	7.68	83	51656	4.530	ug/l	99
31) Cyclohexane	7.95	56	64045	5.147	ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	44633	4.646	ug/l	96
36) 1,1-Dichloropropene	8.08	75	44080	4.683	ug/l	99
37) Ethyl Acetate	7.25	43	18436	4.706	ug/l	98
38) Carbon Tetrachloride	8.06	117	39582	4.574	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	58513	4.626	ug/l	92
40) Benzene	8.32	78	124014	4.640	ug/l	97
41) Methacrylonitrile	7.48	41	11788	5.085	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	30960	4.564	ug/l	99
43) Isopropyl Acetate	8.43	43	32827	4.288	ug/l	98
44) Trichloroethene	9.09	130	32067	4.566	ug/l	99
45) 1,2-Dichloropropane	9.37	63	29755	4.525	ug/l	90
46) Dibromomethane	9.45	93	15255	4.642	ug/l	98
47) Bromodichloromethane	9.64	83	38121	4.474	ug/l	96
48) Methyl methacrylate	9.44	41	14468	4.040	ug/l	88
49) 1,4-Dioxane	9.45	88	4578	87.800	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	103636	25.594	ug/l	98
52) Toluene	10.38	92	78300	4.577	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	36904	4.257	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	46030	4.401	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	20722	4.450	ug/l	99
56) Ethyl methacrylate	10.64	69	27813	4.334	ug/l	98
57) 1,3-Dichloropropane	10.93	76	36223	4.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	72620	22.865	ug/l	98
59) 2-Hexanone	10.97	43	51599	20.304	ug/l	99
60) Dibromochloromethane	11.12	129	24839	4.470	ug/l	97
61) 1,2-Dibromoethane	11.23	107	20077	4.474	ug/l	99
64) Tetrachloroethene	10.86	164	26775	5.053	ug/l	94
65) Chlorobenzene	11.65	112	79454	4.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	27356	4.663	ug/l	99
67) Ethyl Benzene	11.73	91	147347	4.599	ug/l	96
68) m/p-Xylenes	11.84	106	113906	9.367	ug/l	97
69) o-Xylene	12.16	106	51800	4.545	ug/l	97
70) Styrene	12.18	104	87841	4.562	ug/l	99
71) Bromoform	12.35	173	13380	4.593	ug/l #	93
73) Isopropylbenzene	12.46	105	145000	4.688	ug/l	99
74) N-amyl acetate	12.27	43	30285	4.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	23004	4.439	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	16966m	4.789	ug/l	
77) Bromobenzene	12.74	156	29267	4.567	ug/l	96
78) n-propylbenzene	12.80	91	170443	4.569	ug/l	99
79) 2-Chlorotoluene	12.89	91	92860	4.503	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	120809	4.638	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	8431	4.594	ug/l	96
82) 4-Chlorotoluene	12.99	91	100205	4.599	ug/l	99
83) tert-Butylbenzene	13.21	119	105414	4.668	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	121835	4.706	ug/l	97
85) sec-Butylbenzene	13.38	105	149404	4.655	ug/l	100
86) p-Isopropyltoluene	13.50	119	134392	4.693	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	60873	4.768	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60257	4.757	ug/l	91
89) n-Butylbenzene	13.82	91	127744	4.512	ug/l	99
90) Hexachloroethane	14.09	117	25193	4.575	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	52062	4.586	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3989	4.754	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	32823	4.382	ug/l	99
94) Hexachlorobutadiene	15.24	225	19832	4.589	ug/l	94
95) Naphthalene	15.36	128	57733	4.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	28605	4.450	ug/l	99

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

