

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016860.D
 Acq On : 09 Oct 2020 14:36
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 10/12/2020 1:58:45 PM

Quant Time: Oct 10 05:07:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	389219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	556063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	503089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	258572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61216	19.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.68%	
35) Dibromofluoromethane	7.88	113	67525	19.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.62%	
50) Toluene-d8	10.32	98	256431	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
62) 4-Bromofluorobenzene	12.62	95	87484	19.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	49572	23.350	ug/l	99
3) Chloromethane	2.21	50	47734	20.507	ug/l	96
4) Vinyl Chloride	2.37	62	72190	21.446	ug/l	96
5) Bromomethane	2.79	94	52762	20.410	ug/l	94
6) Chloroethane	2.93	64	44656	20.847	ug/l	94
7) Trichlorofluoromethane	3.26	101	49230	20.089	ug/l	99
8) Diethyl Ether	3.68	74	30327	19.813	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	67959	20.595	ug/l	99
10) Methyl Iodide	4.28	142	106358	20.161	ug/l	98
11) Tert butyl alcohol	5.21	59	14572	87.180	ug/l #	95
12) 1,1-Dichloroethene	4.04	96	65998	20.263	ug/l	92
13) Acrolein	3.90	56	20587	98.422	ug/l	98
14) Allyl chloride	4.67	41	78005	20.007	ug/l	99
15) Acrylonitrile	5.38	53	49466	97.087	ug/l	100
16) Acetone	4.15	43	46934	91.533	ug/l	100
17) Carbon Disulfide	4.39	76	176109	20.322	ug/l	99
18) Methyl Acetate	4.68	43	22207	18.883	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	71311	20.314	ug/l	97
20) Methylene Chloride	4.92	84	76739	18.886	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	73010	19.967	ug/l	97
22) Diisopropyl ether	6.32	45	145132	20.481	ug/l	99
23) Vinyl Acetate	6.26	43	443597	97.697	ug/l	99
24) 1,1-Dichloroethane	6.22	63	113285	20.161	ug/l	99
25) 2-Butanone	7.18	43	62920	92.044	ug/l	98
26) 2,2-Dichloropropane	7.17	77	68177	19.832	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	78828	20.128	ug/l	99
28) Bromochloromethane	7.52	49	44394	19.741	ug/l	98
29) Tetrahydrofuran	7.54	42	36368	94.982	ug/l	99
30) Chloroform	7.68	83	124058	20.309	ug/l	98
31) Cyclohexane	7.96	56	96253	20.083	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	103800	20.146	ug/l	98
36) 1,1-Dichloropropene	8.09	75	99188	20.629	ug/l	98
37) Ethyl Acetate	7.26	43	30741	19.573	ug/l	100
38) Carbon Tetrachloride	8.07	117	100770	20.161	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111596	20.357	ug/l	99
40) Benzene	8.33	78	273078	20.388	ug/l	98
41) Methacrylonitrile	7.49	41	18076	26.823	ug/l	94
42) 1,2-Dichloroethane	8.40	62	74980	20.465	ug/l	99
43) Isopropyl Acetate	8.43	43	58577	19.469	ug/l	99
44) Trichloroethene	9.09	130	84355	20.348	ug/l	97
45) 1,2-Dichloropropane	9.37	63	62811	20.564	ug/l	98
46) Dibromomethane	9.46	93	34674	19.847	ug/l	98
47) Bromodichloromethane	9.65	83	86668	19.951	ug/l	96
48) Methyl methacrylate	9.44	41	26982	19.461	ug/l	97
49) 1,4-Dioxane	9.48	88	7870	391.625	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	146400	96.183	ug/l	99
52) Toluene	10.39	92	179804	20.307	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	78206	19.776	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	96208	19.917	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	50594	20.345	ug/l	99
56) Ethyl methacrylate	10.65	69	52526	19.416	ug/l	97
57) 1,3-Dichloropropane	10.93	76	82713	20.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	145355	96.961	ug/l	100
59) 2-Hexanone	10.97	43	96791	96.110	ug/l	99
60) Dibromochloromethane	11.13	129	59924	19.646	ug/l	100
61) 1,2-Dibromoethane	11.24	107	49388	20.054	ug/l	99
64) Tetrachloroethene	10.87	164	71906	20.061	ug/l	94
65) Chlorobenzene	11.66	112	195689	19.831	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	70150	20.102	ug/l	99
67) Ethyl Benzene	11.73	91	351882	20.464	ug/l	99
68) m/p-Xylenes	11.84	106	272919	40.809	ug/l	98
69) o-Xylene	12.17	106	123564	20.134	ug/l	100
70) Styrene	12.18	104	210122	20.572	ug/l	99
71) Bromoform	12.35	173	33899	19.349	ug/l #	95
73) Isopropylbenzene	12.47	105	345462	20.101	ug/l	100
74) N-amyl acetate	12.27	43	52715	19.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53106	19.694	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	36421m	21.834	ug/l	
77) Bromobenzene	12.75	156	85859	20.210	ug/l	98
78) n-propylbenzene	12.80	91	405359	20.452	ug/l	100
79) 2-Chlorotoluene	12.90	91	230076	20.349	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	294175	20.424	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	12606	17.562	ug/l	93
82) 4-Chlorotoluene	12.99	91	234603	20.100	ug/l	99
83) tert-Butylbenzene	13.21	119	256004	20.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	297495	20.729	ug/l	98
85) sec-Butylbenzene	13.38	105	351285	20.174	ug/l	100
86) p-Isopropyltoluene	13.50	119	332136	20.485	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	166332	20.246	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	166340	20.546	ug/l	99
89) n-Butylbenzene	13.82	91	293059	20.063	ug/l	98
90) Hexachloroethane	14.10	117	48725	19.476	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	143337	20.221	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7407	17.937	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	96604	19.752	ug/l	98
94) Hexachlorobutadiene	15.23	225	64513	20.348	ug/l	98
95) Naphthalene	15.36	128	149274	18.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	83025	19.513	ug/l	99

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

