

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016398.D
 Acq On : 28 Aug 2020 13:20
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:28 AM

Quant Time: Aug 28 14:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134249	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	35726	19.37	ug/l	0.00
Spiked Amount			Recovery	=	38.74%	
35) Dibromofluoromethane	7.88	113	35436	19.62	ug/l	0.00
Spiked Amount			Recovery	=	39.24%	
50) Toluene-d8	10.33	98	134591	19.35	ug/l	0.00
Spiked Amount			Recovery	=	38.70%	
62) 4-Bromofluorobenzene	12.62	95	49836	19.93	ug/l	0.00
Spiked Amount			Recovery	=	39.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	21504	16.799	ug/l	98
3) Chloromethane	2.21	50	20962	15.796	ug/l	98
4) Vinyl Chloride	2.36	62	30402	16.314	ug/l	98
5) Bromomethane	2.78	94	21005	17.815	ug/l	95
6) Chloroethane	2.92	64	17698	16.713	ug/l	97
7) Trichlorofluoromethane	3.25	101	34586	21.531	ug/l	92
8) Diethyl Ether	3.68	74	17757	18.330	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	35511	17.603	ug/l	99
10) Methyl Iodide	4.27	142	52625	17.890	ug/l	99
11) Tert butyl alcohol	5.18	59	12287	121.505	ug/l	97
12) 1,1-Dichloroethene	4.04	96	35585	17.347	ug/l	98
13) Acrolein	3.89	56	8958	67.296	ug/l	97
14) Allyl chloride	4.67	41	43171	15.890	ug/l	98
15) Acrylonitrile	5.37	53	31507	87.090	ug/l	99
16) Acetone	4.13	43	29028	85.585	ug/l	96
17) Carbon Disulfide	4.39	76	101455	16.955	ug/l	98
18) Methyl Acetate	4.67	43	14154	17.459	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52896	20.482	ug/l	97
20) Methylene Chloride	4.91	84	48101	18.336	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	39801	17.797	ug/l	93
22) Diisopropyl ether	6.31	45	88600	17.271	ug/l	98
23) Vinyl Acetate	6.26	43	263472	89.390	ug/l	99
24) 1,1-Dichloroethane	6.22	63	63089	17.468	ug/l	99
25) 2-Butanone	7.17	43	40368	87.589	ug/l	97
26) 2,2-Dichloropropane	7.17	77	48890	20.466	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	43781	18.839	ug/l	98
28) Bromochloromethane	7.52	49	22430	16.588	ug/l	98
29) Tetrahydrofuran	7.54	42	25200	90.944	ug/l	96
30) Chloroform	7.68	83	70473	18.496	ug/l	94
31) Cyclohexane	7.96	56	57244	17.273	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	64277	19.933	ug/l	99
36) 1,1-Dichloropropene	8.09	75	55787	19.236	ug/l	99
37) Ethyl Acetate	7.26	43	19349	19.697	ug/l	98
38) Carbon Tetrachloride	8.07	117	61023	20.730	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66852	19.183	ug/l	99
40) Benzene	8.32	78	150930	18.615	ug/l	99
41) Methacrylonitrile	7.48	41	10142	18.154	ug/l	99
42) 1,2-Dichloroethane	8.40	62	44624	20.439	ug/l	100
43) Isopropyl Acetate	8.43	43	36432	19.557	ug/l	99
44) Trichloroethene	9.09	130	43981	18.938	ug/l	96
45) 1,2-Dichloropropane	9.37	63	34338	18.077	ug/l	99
46) Dibromomethane	9.46	93	20116	19.829	ug/l	98
47) Bromodichloromethane	9.65	83	52346	19.870	ug/l	97
48) Methyl methacrylate	9.44	41	15931	18.446	ug/l	97
49) 1,4-Dioxane	9.46	88	4932	387.996	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	88798	94.907	ug/l	97
52) Toluene	10.39	92	98860	18.995	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	49811	20.357	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	58536	19.475	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	28400	19.478	ug/l	98
56) Ethyl methacrylate	10.65	69	32814	19.897	ug/l	97
57) 1,3-Dichloropropane	10.93	76	47896	19.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	71930	95.623	ug/l	99
59) 2-Hexanone	10.97	43	59927	93.975	ug/l	100
60) Dibromochloromethane	11.13	129	35953	20.479	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27429	19.532	ug/l	96
64) Tetrachloroethene	10.86	164	34587	19.166	ug/l	95
65) Chlorobenzene	11.66	112	109710	19.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	40406	20.524	ug/l	99
67) Ethyl Benzene	11.73	91	194318	19.438	ug/l	97
68) m/p-Xylenes	11.84	106	151361	39.416	ug/l	96
69) o-Xylene	12.17	106	68765	20.094	ug/l	97
70) Styrene	12.18	104	118263	19.959	ug/l	98
71) Bromoform	12.35	173	20198	22.538	ug/l #	99
73) Isopropylbenzene	12.47	105	194695	19.016	ug/l	99
74) N-amyl acetate	12.27	43	31990	17.689	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	30460	17.958	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	21983m	17.915	ug/l	
77) Bromobenzene	12.75	156	44140	19.307	ug/l	98
78) n-propylbenzene	12.80	91	228986	18.808	ug/l	98
79) 2-Chlorotoluene	12.89	91	135048	19.154	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	174038	19.714	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10340	20.174	ug/l	94
82) 4-Chlorotoluene	12.99	91	141562	19.329	ug/l	99
83) tert-Butylbenzene	13.21	119	142096	19.680	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	173338	19.946	ug/l	100
85) sec-Butylbenzene	13.38	105	202279	19.390	ug/l	100
86) p-Isopropyltoluene	13.50	119	185311	19.496	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	87988	19.559	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	89835	20.059	ug/l	98
89) n-Butylbenzene	13.82	91	171592	19.610	ug/l	99
90) Hexachloroethane	14.09	117	34934	19.676	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	77121	19.442	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5505	20.601	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51768	21.595	ug/l	96
94) Hexachlorobutadiene	15.24	225	30278	20.868	ug/l	96
95) Naphthalene	15.36	128	88984	20.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	44807	21.799	ug/l	97

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

