

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016402.D
 Acq On : 28 Aug 2020 15:20
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW082820

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:21 AM

Quant Time: Aug 28 18:49:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98578	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.88	113	96430	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.32	98	371197	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.62	95	139221	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56973	51.686	ug/l	95
3) Chloromethane	2.21	50	49232	46.426	ug/l	99
4) Vinyl Chloride	2.36	62	70885	45.862	ug/l	100
5) Bromomethane	2.78	94	51698	47.368	ug/l	92
6) Chloroethane	2.92	64	44234	48.080	ug/l	94
7) Trichlorofluoromethane	3.26	101	91555	48.994	ug/l	97
8) Diethyl Ether	3.68	74	44819	47.648	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89456	49.043	ug/l	98
10) Methyl Iodide	4.27	142	131575	47.202	ug/l	98
11) Tert butyl alcohol	5.20	59	28031	236.260	ug/l	99
12) 1,1-Dichloroethene	4.04	96	88421	47.504	ug/l	99
13) Acrolein	3.90	56	19051	211.217	ug/l	99
14) Allyl chloride	4.67	41	114309	49.131	ug/l	100
15) Acrylonitrile	5.37	53	83135	237.383	ug/l	99
16) Acetone	4.13	43	77795	233.989	ug/l	100
17) Carbon Disulfide	4.38	76	250374	47.911	ug/l	99
18) Methyl Acetate	4.67	43	33028	43.565	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	135944	47.803	ug/l	97
20) Methylene Chloride	4.92	84	98406	46.578	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100373	48.112	ug/l	97
22) Diisopropyl ether	6.31	45	220987	47.983	ug/l	99
23) Vinyl Acetate	6.26	43	692441	245.336	ug/l	100
24) 1,1-Dichloroethane	6.21	63	159088	47.911	ug/l	99
25) 2-Butanone	7.17	43	107493	238.295	ug/l	94
26) 2,2-Dichloropropane	7.17	77	115967	45.220	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	108302	47.916	ug/l	99
28) Bromochloromethane	7.51	49	58086	48.160	ug/l	100
29) Tetrahydrofuran	7.54	42	63972	237.564	ug/l	99
30) Chloroform	7.68	83	176184	47.766	ug/l	99
31) Cyclohexane	7.96	56	139507	45.842	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	160676	48.370	ug/l	98
36) 1,1-Dichloropropene	8.09	75	141951	50.580	ug/l	99
37) Ethyl Acetate	7.25	43	47067	49.505	ug/l	99
38) Carbon Tetrachloride	8.07	117	154813	50.342	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175083	51.523	ug/l	98
40) Benzene	8.32	78	374320	49.819	ug/l	99
41) Methacrylonitrile	7.48	41	29019	53.011	ug/l	97
42) 1,2-Dichloroethane	8.40	62	112489	49.083	ug/l	100
43) Isopropyl Acetate	8.43	43	94091	49.592	ug/l	99
44) Trichloroethene	9.09	130	109613	48.757	ug/l	95
45) 1,2-Dichloropropane	9.37	63	85322	48.950	ug/l	97
46) Dibromomethane	9.46	93	52122	50.330	ug/l	99
47) Bromodichloromethane	9.65	83	133693	50.055	ug/l	99
48) Methyl methacrylate	9.44	41	45174	49.939	ug/l	96
49) 1,4-Dioxane	9.46	88	14045	995.638	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	231202	246.444	ug/l	99
52) Toluene	10.39	92	252660	50.155	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	132199	50.894	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	151638	50.102	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	72999	49.439	ug/l	95
56) Ethyl methacrylate	10.65	69	89540	51.894	ug/l	97
57) 1,3-Dichloropropane	10.93	76	121946	49.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	193874	250.238	ug/l	99
59) 2-Hexanone	10.97	43	161780	252.763	ug/l	99
60) Dibromochloromethane	11.13	129	92789	49.700	ug/l	98
61) 1,2-Dibromoethane	11.24	107	72529	50.087	ug/l	98
64) Tetrachloroethene	10.87	164	92246	50.925	ug/l	90
65) Chlorobenzene	11.66	112	273561	50.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	101830	50.637	ug/l	99
67) Ethyl Benzene	11.73	91	500275	51.596	ug/l	99
68) m/p-Xylenes	11.84	106	374492	101.163	ug/l	99
69) o-Xylene	12.16	106	177086	52.019	ug/l	95
70) Styrene	12.18	104	303327	52.282	ug/l	99
71) Bromoform	12.35	173	52210	51.022	ug/l #	99
73) Isopropylbenzene	12.46	105	501334	52.754	ug/l	99
74) N-amyl acetate	12.27	43	87240	52.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	78781	50.358	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55789m	48.953	ug/l	
77) Bromobenzene	12.74	156	113333	51.300	ug/l	99
78) n-propylbenzene	12.80	91	580904	52.071	ug/l	98
79) 2-Chlorotoluene	12.89	91	338593	51.536	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	429554	51.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	26266	51.170	ug/l	98
82) 4-Chlorotoluene	12.99	91	345726	50.332	ug/l	99
83) tert-Butylbenzene	13.21	119	363928	51.971	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	427697	51.446	ug/l	100
85) sec-Butylbenzene	13.38	105	499133	51.478	ug/l	99
86) p-Isopropyltoluene	13.50	119	472940	52.249	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	216498	51.054	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	214237	50.214	ug/l	99
89) n-Butylbenzene	13.82	91	431855	51.965	ug/l	99
90) Hexachloroethane	14.10	117	86023	50.616	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	194180	51.119	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14016	49.289	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	129729	51.446	ug/l	97
94) Hexachlorobutadiene	15.24	225	79108	52.547	ug/l	99
95) Naphthalene	15.36	128	255195	54.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	113152	51.212	ug/l	96

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

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