

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031128.D
 Acq On : 04 Dec 2024 15:03
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV438

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

Quant Time: Dec 05 02:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:31:20 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	398384	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346481	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	172669	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	155613	25.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.520%	
7) Chloroethane-d5	2.899	69	129761	27.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.120%	
11) 1,1-Dichloroethene-d2	4.015	65	72292	25.845	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.400%	
21) 2-Butanone-d5	7.069	46	54351	50.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.380%	
24) Chloroform-d	7.648	84	314006	26.911	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.640%	
26) 1,2-Dichloroethane-d4	8.301	65	154032	26.828	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.320%	
32) Benzene-d6	8.270	84	603284	28.329	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.320%	
36) 1,2-Dichloropropane-d6	9.270	67	172345	27.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.520%	
41) Toluene-d8	10.319	98	559991	29.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.560%	
43) trans-1,3-Dichloroprop...	10.575	79	70044	27.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.560%	
47) 2-Hexanone-d5	10.922	63	39647	54.249	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.500%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113152	26.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.520%	
66) 1,2-Dichlorobenzene-d4	13.849	152	165787	27.032	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	161198m	32.042	ug/L	
3) Chloromethane	2.235	50	175842	29.636	ug/L	97
5) Vinyl chloride	2.375	62	180923	25.384	ug/L	99
6) Bromomethane	2.790	94	119332	26.329	ug/L	95
8) Chloroethane	2.930	64	109686	25.729	ug/L	98
9) Trichlorofluoromethane	3.271	101	233014	31.071	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147986	25.974	ug/L	97
12) 1,1-Dichloroethene	4.039	96	143671	25.393	ug/L	82
13) Acetone	4.119	43	82894	42.943	ug/L	95
14) Carbon disulfide	4.381	76	470112	25.336	ug/L	99
15) Methyl Acetate	4.667	43	48210	23.801	ug/L	96
16) Methylene chloride	4.917	84	142701	24.749	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	151948	25.264	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	210722	25.044	ug/L	98
19) 1,1-Dichloroethane	6.216	63	277554	25.090	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	160236	25.365	ug/L	95
22) 2-Butanone	7.167	43	83692	46.134	ug/L	98
23) Bromochloromethane	7.514	128	65424	24.392	ug/L	96
25) Chloroform	7.673	83	289956	25.201	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.392	62	176292	24.875	ug/L	96
29) Cyclohexane	7.953	56	243331	27.901	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	245195	26.273	ug/L	96
31) Carbon tetrachloride	8.069	117	224654	26.343	ug/L	98
33) Benzene	8.319	78	623117	26.594	ug/L	100
34) Trichloroethene	9.087	95	167958	25.988	ug/L	96
35) Methylcyclohexane	9.331	83	279836	27.210	ug/L	97
37) 1,2-Dichloropropane	9.362	63	150384	25.802	ug/L	100
38) Bromodichloromethane	9.642	83	197098	25.835	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	234343	26.630	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	134819	51.655	ug/L	96
42) Toluene	10.386	91	658799	26.692	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	188354	26.035	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	101899	25.439	ug/L	98
46) Tetrachloroethene	10.855	164	125279	26.148	ug/L	92
48) 2-Hexanone	10.965	43	116243	49.228	ug/L	93
49) Dibromochloromethane	11.123	129	114940	26.048	ug/L	87
50) 1,2-Dibromoethane	11.233	107	93989	25.109	ug/L	98
51) Chlorobenzene	11.654	112	408602	25.935	ug/L	97
52) Ethylbenzene	11.727	91	760287	27.183	ug/L	99
53) m,p-Xylene	11.831	106	283520	27.237	ug/L	97
54) o-Xylene	12.160	106	263134	27.172	ug/L	97
55) Styrene	12.178	104	444833	27.288	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	107511	24.776	ug/L	98
59) Bromoform	12.343	173	61153	24.237	ug/L	99
60) Isopropylbenzene	12.459	105	741634	26.606	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	77697	24.082	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	600623	27.364	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	585900	27.173	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	317666	26.133	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	305001	24.839	ug/L	91
67) 1,2-Dichlorobenzene	13.861	146	257278	24.196	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	16782	23.955	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	207374	25.107	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	164056	25.330	ug/L	97
71) Naphthalene	15.354	128	263440	25.248	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	133586	24.097	ug/L	99

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

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