

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028567.D
 Acq On : 02 May 2024 12:58
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV439

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024

Quant Time: May 03 03:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	112373	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	126156	25.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.320%
7) Chloroethane-d5	2.899	69	93396	24.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.920%
11) 1,1-Dichloroethene-d2	4.027	65	52505	25.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.920%
21) 2-Butanone-d5	7.081	46	62797	48.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.620%
24) Chloroform-d	7.648	84	193940	23.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	8.307	65	110424	23.768	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.276	84	390362	24.967	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.880%
36) 1,2-Dichloropropane-d6	9.276	67	113325	24.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.319	98	345744	24.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.880%
43) trans-1,3-Dichloroprop...	10.575	79	46379	24.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.000%
47) 2-Hexanone-d5	10.922	63	43317	53.381	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96114	24.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	106229	24.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.021	85	81166	21.506	ug/L	93
3) Chloromethane	2.229	50	104939	22.445	ug/L	97
5) Vinyl chloride	2.375	62	115708	21.982	ug/L	99
6) Bromomethane	2.789	94	65635	21.555	ug/L	99
8) Chloroethane	2.942	64	66979	22.311	ug/L	98
9) Trichlorofluoromethane	3.271	101	93620	21.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82099	20.605	ug/L	96
12) 1,1-Dichloroethene	4.045	96	78200	21.879	ug/L	91
13) Acetone	4.125	43	44679	38.172	ug/L	98
14) Carbon disulfide	4.393	76	265982	22.019	ug/L	99
15) Methyl Acetate	4.673	43	47539m	23.345	ug/L	
16) Methylene chloride	4.923	84	80923	20.148	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	80415	21.610	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	119972	21.847	ug/L	100
19) 1,1-Dichloroethane	6.222	63	156629	21.226	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	84543	21.709	ug/L	94
22) 2-Butanone	7.173	43	61637	41.027	ug/L	99
23) Bromochloromethane	7.514	128	35559	20.932	ug/L	95
25) Chloroform	7.679	83	152878	21.420	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	112200	21.626	ug/L	96
29) Cyclohexane	7.959	56	155500	23.272	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	131826	22.448	ug/L	99
31) Carbon tetrachloride	8.069	117	119679	22.352	ug/L	99
33) Benzene	8.325	78	336334	22.133	ug/L	100
34) Trichloroethene	9.093	95	88383	21.693	ug/L	95
35) Methylcyclohexane	9.337	83	162945	22.885	ug/L	99
37) 1,2-Dichloropropane	9.368	63	86630	21.877	ug/L	100
38) Bromodichloromethane	9.642	83	105086	21.771	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	128485	22.638	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	124115	46.053	ug/L	100
42) Toluene	10.386	91	356758	22.730	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	108478	22.669	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	62386	21.749	ug/L	99
46) Tetrachloroethene	10.861	164	66148	22.534	ug/L	92
48) 2-Hexanone	10.965	43	89263	46.915	ug/L	98
49) Dibromochloromethane	11.129	129	64505	22.419	ug/L	90
50) 1,2-Dibromoethane	11.233	107	59300	22.069	ug/L	100
51) Chlorobenzene	11.654	112	211656	21.800	ug/L	99
52) Ethylbenzene	11.727	91	402910	22.684	ug/L	97
53) m,p-Xylene	11.837	106	144219	22.150	ug/L	93
54) o-Xylene	12.166	106	134509	22.331	ug/L	98
55) Styrene	12.178	104	234122	22.939	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	79073	21.972	ug/L	98
59) Bromoform	12.349	173	36967	22.549	ug/L	95
60) Isopropylbenzene	12.459	105	390441	22.902	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61012	22.466	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	286607	23.761	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	302972	23.311	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	154743	21.819	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	163183	22.505	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	139429	21.965	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13726	21.617	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	108332	22.763	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	84491	21.972	ug/L	99
71) Naphthalene	15.360	128	195023	23.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	77304	22.278	ug/L	99

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

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