

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029566.D
 Acq On : 12 Jul 2024 21:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Jul 12 23:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	306699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270771	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	133880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	115122	23.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
7) Chloroethane-d5	2.899	69	89536	25.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	4.021	65	56272	25.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.160%
21) 2-Butanone-d5	7.075	46	68925	46.343	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.680%
24) Chloroform-d	7.648	84	244883	27.619	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.480%
26) 1,2-Dichloroethane-d4	8.307	65	138435	26.619	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.480%
32) Benzene-d6	8.270	84	479982	29.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.360%
36) 1,2-Dichloropropane-d6	9.270	67	155046	29.895	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.600%
41) Toluene-d8	10.319	98	433026	30.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.440%
43) trans-1,3-Dichloroprop...	10.575	79	55751	25.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.560%
47) 2-Hexanone-d5	10.922	63	48969	51.961	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108571	25.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	131052	28.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54252	18.064	ug/L	93
3) Chloromethane	2.222	50	93922	23.374	ug/L	95
5) Vinyl chloride	2.375	62	112162	24.460	ug/L	95
6) Bromomethane	2.789	94	68190	25.115	ug/L	91
8) Chloroethane	2.936	64	74720	26.481	ug/L	99
9) Trichlorofluoromethane	3.265	101	96010	23.260	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	95971	23.625	ug/L	97
12) 1,1-Dichloroethene	4.045	96	98945	25.942	ug/L	94
13) Acetone	4.118	43	43320	28.858	ug/L	99
14) Carbon disulfide	4.393	76	297857	24.047	ug/L	98
15) Methyl Acetate	4.667	43	57897	21.967	ug/L	99
16) Methylene chloride	4.923	84	129975	23.671	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	111751	26.467	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	201495	28.048	ug/L	99
19) 1,1-Dichloroethane	6.216	63	240236	27.706	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	131933	28.575	ug/L	96
22) 2-Butanone	7.167	43	73249	37.169	ug/L	99
23) Bromochloromethane	7.514	128	53883	25.946	ug/L	97
25) Chloroform	7.679	83	231694	27.616	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	164258	26.103	ug/L	97
29) Cyclohexane	7.959	56	197201	29.248	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	171988	27.815	ug/L	98
31) Carbon tetrachloride	8.069	117	153503	27.108	ug/L	98
33) Benzene	8.325	78	498935	29.451	ug/L	100
34) Trichloroethene	9.093	95	132638	29.648	ug/L	97
35) Methylcyclohexane	9.331	83	211513	29.414	ug/L	98
37) 1,2-Dichloropropane	9.367	63	136851	29.212	ug/L	100
38) Bromodichloromethane	9.642	83	166258	29.055	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	196724	27.958	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	172647	52.291	ug/L	99
42) Toluene	10.386	91	530442	30.606	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	159459	26.441	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	92138	27.347	ug/L	97
46) Tetrachloroethene	10.861	164	118101m	37.157	ug/L	
48) 2-Hexanone	10.965	43	117816	47.498	ug/L	99
49) Dibromochloromethane	11.129	129	97593	27.834	ug/L	98
50) 1,2-Dibromoethane	11.233	107	85741	26.705	ug/L	99
51) Chlorobenzene	11.654	112	326460	29.138	ug/L	99
52) Ethylbenzene	11.727	91	607812	30.954	ug/L	98
53) m,p-Xylene	11.837	106	219831	30.496	ug/L	92
54) o-Xylene	12.160	106	210853	31.626	ug/L	96
55) Styrene	12.178	104	362474	30.919	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	109908	25.861	ug/L #	99
59) Bromoform	12.349	173	49969	24.179	ug/L	99
60) Isopropylbenzene	12.458	105	580536	30.818	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	82264	25.389	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	436316	32.562	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	476991	32.254	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	236326	27.989	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	237286	27.431	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	214049	28.044	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16742	21.614	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	151985	27.592	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	133729	27.591	ug/L	99
71) Naphthalene	15.360	128	266188	26.167	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	112951	25.650	ug/L	99

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

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