

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053024\
 Data File : VW028926.D
 Acq On : 30 May 2024 21:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024

Quant Time: May 31 01:37:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 23:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256209	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244080	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105760	21.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
7) Chloroethane-d5	2.899	69	88344	23.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	4.021	65	46670	22.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.840%
21) 2-Butanone-d5	7.075	46	61616	48.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.080%
24) Chloroform-d	7.648	84	227518	28.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.680%
26) 1,2-Dichloroethane-d4	8.307	65	127093	27.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.920%
32) Benzene-d6	8.276	84	431194	26.478	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.920%
36) 1,2-Dichloropropane-d6	9.270	67	137220	28.002	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.000%
41) Toluene-d8	10.325	98	384914	26.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.760%
43) trans-1,3-Dichloroprop...	10.575	79	53374	27.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.320%
47) 2-Hexanone-d5	10.922	63	43671	51.671	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	109417	26.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	127939	26.641	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	81937m	22.007	ug/L	
3) Chloromethane	2.222	50	94638	20.517	ug/L	99
5) Vinyl chloride	2.375	62	111535	21.478	ug/L	97
6) Bromomethane	2.795	94	68728	22.878	ug/L	95
8) Chloroethane	2.936	64	70500	23.805	ug/L	96
9) Trichlorofluoromethane	3.271	101	85749	20.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	90536	23.033	ug/L #	89
12) 1,1-Dichloroethene	4.051	96	85054	24.121	ug/L	84
13) Acetone	4.125	43	47071	40.764	ug/L	99
14) Carbon disulfide	4.393	76	234092	19.643	ug/L	100
15) Methyl Acetate	4.673	43	47989	23.887	ug/L	99
16) Methylene chloride	4.923	84	115899	29.249	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	94719	25.802	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	159005	29.350	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202700	27.845	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	109994	28.630	ug/L	94
22) 2-Butanone	7.173	43	62530	42.189	ug/L	96
23) Bromochloromethane	7.514	128	48807	29.123	ug/L	92
25) Chloroform	7.673	83	207181	29.425	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	142645	27.870	ug/L	99
29) Cyclohexane	7.959	56	142571	20.486	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	156016	25.508	ug/L	99
31) Carbon tetrachloride	8.069	117	137802	24.710	ug/L	98
33) Benzene	8.325	78	430051	27.171	ug/L	100
34) Trichloroethene	9.093	95	109202	25.734	ug/L	99
35) Methylcyclohexane	9.337	83	164118	22.130	ug/L	99
37) 1,2-Dichloropropane	9.367	63	118475	28.726	ug/L	100
38) Bromodichloromethane	9.642	83	145604	28.962	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	171184	28.959	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138572	49.367	ug/L	99
42) Toluene	10.386	91	454803	27.821	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	141672	28.425	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83437	27.927	ug/L	97
46) Tetrachloroethene	10.861	164	77083	25.212	ug/L	94
48) 2-Hexanone	10.965	43	98461	49.685	ug/L	99
49) Dibromochloromethane	11.123	129	90314	30.138	ug/L	95
50) 1,2-Dibromoethane	11.233	107	74243	26.528	ug/L	88
51) Chlorobenzene	11.654	112	285724	28.256	ug/L	96
52) Ethylbenzene	11.727	91	513998	27.784	ug/L	99
53) m,p-Xylene	11.837	106	191769	28.279	ug/L	95
54) o-Xylene	12.166	106	183495	29.249	ug/L	91
55) Styrene	12.178	104	318548	29.966	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	100740	26.876	ug/L	97
59) Bromoform	12.349	173	48201	26.222	ug/L	98
60) Isopropylbenzene	12.458	105	510656	26.714	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	73258	24.058	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	380933	28.166	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	406418	27.889	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	219400	27.590	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	221343	27.226	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	202634	28.470	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15193	21.340	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	148657	27.858	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	122665	28.450	ug/L	99
71) Naphthalene	15.354	128	239914	26.117	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108926	27.997	ug/L	99

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

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