

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022724\
 Data File : VW028067.D
 Acq On : 27 Feb 2024 09:12
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Feb 28 00:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 27 01:31:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	52661	16.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.880%
7) Chloroethane-d5	2.899	69	49823	21.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.680%
11) 1,1-Dichloroethene-d2	4.021	65	25697	19.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.400%
21) 2-Butanone-d5	7.075	46	30219	62.671	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.340%
24) Chloroform-d	7.648	84	150387	24.274	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.301	65	72670	25.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.880%
32) Benzene-d6	8.270	84	289691	22.070	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.270	67	80626	22.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	10.319	98	273263	21.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.040%
43) trans-1,3-Dichloroprop...	10.575	79	34976	23.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.600%
47) 2-Hexanone-d5	10.922	63	28797	59.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74726	28.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	105869	24.192	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	41978	18.398	ug/L	98
3) Chloromethane	2.222	50	43883	17.513	ug/L	100
5) Vinyl chloride	2.375	62	65786	19.370	ug/L	98
6) Bromomethane	2.789	94	49774	20.741	ug/L	96
8) Chloroethane	2.930	64	41336	21.541	ug/L	99
9) Trichlorofluoromethane	3.265	101	62736	20.325	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	73985m	23.780	ug/L	
12) 1,1-Dichloroethene	4.045	96	64528	22.295	ug/L	84
13) Acetone	4.125	43	28266	60.285	ug/L	97
14) Carbon disulfide	4.387	76	161996	18.906	ug/L	99
15) Methyl Acetate	4.667	43	20631	26.431	ug/L	97
16) Methylene chloride	4.917	84	71923	21.718	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	69871	22.470	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	95046	25.783	ug/L	99
19) 1,1-Dichloroethane	6.222	63	118553	23.469	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	78933	24.039	ug/L	98
22) 2-Butanone	7.167	43	32227	59.543	ug/L	97
23) Bromochloromethane	7.508	128	35683	24.464	ug/L	94
25) Chloroform	7.673	83	138591	25.521	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	80933	26.762	ug/L	96
29) Cyclohexane	7.959	56	90258	20.641	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	116096	24.514	ug/L	99
31) Carbon tetrachloride	8.069	117	107837	24.613	ug/L	100
33) Benzene	8.319	78	279528	22.812	ug/L	100
34) Trichloroethene	9.093	95	80980	23.021	ug/L	98
35) Methylcyclohexane	9.337	83	123968	21.417	ug/L	98
37) 1,2-Dichloropropane	9.367	63	68133	23.662	ug/L	99
38) Bromodichloromethane	9.642	83	98962	25.749	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	114254	24.756	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	61229	56.340	ug/L	98
42) Toluene	10.386	91	322709	23.489	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	97325	26.570	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	58862	25.827	ug/L	98
46) Tetrachloroethene	10.855	164	66915	22.608	ug/L	84
48) 2-Hexanone	10.965	43	47877	58.162	ug/L	99
49) Dibromochloromethane	11.123	129	68609	26.406	ug/L	86
50) 1,2-Dibromoethane	11.227	107	54015	25.391	ug/L	97
51) Chlorobenzene	11.654	112	217580	23.812	ug/L	98
52) Ethylbenzene	11.727	91	370298	23.906	ug/L	99
53) m,p-Xylene	11.837	106	145714	23.987	ug/L	87
54) o-Xylene	12.160	106	139664	24.514	ug/L	96
55) Styrene	12.178	104	239799	25.269	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	65450	26.817	ug/L	91
59) Bromoform	12.343	173	40783	26.837	ug/L	100
60) Isopropylbenzene	12.458	105	387123	24.081	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	45805	26.657	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	306368	23.815	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	316387	25.133	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	174650	23.650	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	176049	23.446	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	163946	25.135	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	9429	27.639	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	124938	23.560	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	101832	23.780	ug/L	95
71) Naphthalene	15.354	128	172807	25.969	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	91587	25.635	ug/L	93

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

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