

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061124\
 Data File : VW029091.D
 Acq On : 11 Jun 2024 10:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Jun 12 00:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 01:19:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/17/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	317414	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98318	19.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.000%
7) Chloroethane-d5	2.905	69	78628	20.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	4.021	65	45526	20.541	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	7.075	46	50644	49.156	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.320%
24) Chloroform-d	7.648	84	204867	22.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.480%
26) 1,2-Dichloroethane-d4	8.307	65	108107	22.676	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.720%
32) Benzene-d6	8.276	84	401631	22.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.920%
36) 1,2-Dichloropropane-d6	9.270	67	124523	22.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.319	98	354611	22.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.575	79	46114	22.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.922	63	35640	49.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90625	24.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	115787	22.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75137m	20.730	ug/L	
3) Chloromethane	2.222	50	89124	20.127	ug/L	100
5) Vinyl chloride	2.375	62	115149	21.483	ug/L	100
6) Bromomethane	2.789	94	67337	20.967	ug/L	92
8) Chloroethane	2.936	64	71116	21.969	ug/L	99
9) Trichlorofluoromethane	3.271	101	96622	21.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93869	21.352	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93390	23.277	ug/L	89
13) Acetone	4.118	43	55562	51.462	ug/L	99
14) Carbon disulfide	4.393	76	301683	22.209	ug/L	100
15) Methyl Acetate	4.673	43	43829	24.442	ug/L	99
16) Methylene chloride	4.923	84	106445	22.344	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	101744	23.259	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	144801	23.738	ug/L	99
19) 1,1-Dichloroethane	6.222	63	207965	24.181	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	110319	24.055	ug/L	99
22) 2-Butanone	7.167	43	64430	49.523	ug/L	100
23) Bromochloromethane	7.514	128	47498	23.726	ug/L	91
25) Chloroform	7.673	83	200949	24.057	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134698	24.063	ug/L	100
29) Cyclohexane	7.959	56	176312	24.365	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	158434	23.495	ug/L	99
31) Carbon tetrachloride	8.069	117	145118	23.626	ug/L	97
33) Benzene	8.325	78	442013	24.425	ug/L	100
34) Trichloroethene	9.093	95	114908	24.152	ug/L	91
35) Methylcyclohexane	9.337	83	197248	24.439	ug/L	99
37) 1,2-Dichloropropane	9.367	63	117807	24.859	ug/L	100
38) Bromodichloromethane	9.642	83	139048	24.058	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	168957	24.532	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	122281	50.729	ug/L	98
42) Toluene	10.386	91	466578	25.238	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	135624	24.427	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	77845	24.322	ug/L	96
46) Tetrachloroethene	10.861	164	84425	23.356	ug/L	94
48) 2-Hexanone	10.965	43	91667	50.722	ug/L	98
49) Dibromochloromethane	11.123	129	83710	24.762	ug/L	98
50) 1,2-Dibromoethane	11.233	107	70797	24.231	ug/L	98
51) Chlorobenzene	11.654	112	286753	24.146	ug/L	99
52) Ethylbenzene	11.727	91	529299	25.199	ug/L	94
53) m,p-Xylene	11.837	106	194873	25.048	ug/L	91
54) o-Xylene	12.160	106	187415	26.016	ug/L	100
55) Styrene	12.178	104	320360	25.794	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	88193	24.409	ug/L	98
59) Bromoform	12.343	173	43178	22.802	ug/L	95
60) Isopropylbenzene	12.458	105	510291	24.485	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64501	23.220	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	383346	25.290	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	409605	25.569	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	214306	23.928	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	219561	23.472	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	195404	24.343	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13313	22.486	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	147432	23.975	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	116019	23.279	ug/L	99
71) Naphthalene	15.360	128	215531	25.381	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	104918	24.639	ug/L	96

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

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