

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030067.D
 Acq On : 28 Aug 2024 09:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: Aug 29 01:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 02:43:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/29/2024
 Supervised By :Semsettin Yesilyurt 08/29/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	204303	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186559	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93003	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71998	23.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
7) Chloroethane-d5	2.905	69	52757	24.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	4.021	65	31744	24.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.760%
21) 2-Butanone-d5	7.075	46	32952	54.371	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.740%
24) Chloroform-d	7.648	84	141424	25.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.680%
26) 1,2-Dichloroethane-d4	8.301	65	73625	26.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.280%
32) Benzene-d6	8.270	84	279075	25.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.360%
36) 1,2-Dichloropropane-d6	9.270	67	86007	26.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.640%
41) Toluene-d8	10.319	98	255083	25.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	10.575	79	33876	25.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.120%
47) 2-Hexanone-d5	10.922	63	27168	55.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	65269	27.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	79925	23.759	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51996	22.128	ug/L	99
3) Chloromethane	2.222	50	68604	25.115	ug/L	94
5) Vinyl chloride	2.375	62	79547	24.637	ug/L	97
6) Bromomethane	2.789	94	46678	23.264	ug/L	95
8) Chloroethane	2.936	64	45918	24.681	ug/L	97
9) Trichlorofluoromethane	3.271	101	65379	23.384	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	66981m	25.040	ug/L	
12) 1,1-Dichloroethene	4.039	96	60685	23.173	ug/L	89
13) Acetone	4.118	43	35706	64.413	ug/L	99
14) Carbon disulfide	4.393	76	204796	25.209	ug/L	98
15) Methyl Acetate	4.667	43	29192	27.010	ug/L	97
16) Methylene chloride	4.917	84	71602	21.215	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	67490	23.303	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	97828	22.087	ug/L	98
19) 1,1-Dichloroethane	6.216	63	135011	25.087	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	72990	22.802	ug/L	92
22) 2-Butanone	7.167	43	43000	54.209	ug/L	94
23) Bromochloromethane	7.514	128	31095	22.902	ug/L	88
25) Chloroform	7.673	83	132086	23.994	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87063	24.708	ug/L	99
29) Cyclohexane	7.953	56	110778	24.592	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	104672	23.954	ug/L	99
31) Carbon tetrachloride	8.069	117	95856	24.417	ug/L	95
33) Benzene	8.325	78	293438	24.550	ug/L	100
34) Trichloroethene	9.087	95	74671	23.200	ug/L	98
35) Methylcyclohexane	9.331	83	128106	24.302	ug/L	96
37) 1,2-Dichloropropane	9.368	63	78500	25.935	ug/L	99
38) Bromodichloromethane	9.642	83	94013	24.617	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	115570	24.807	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	82953	55.057	ug/L	94
42) Toluene	10.386	91	308634	24.247	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	94599	25.094	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	52726	23.767	ug/L	92
46) Tetrachloroethene	10.855	164	51942	21.263	ug/L	95
48) 2-Hexanone	10.965	43	61716	57.619	ug/L	93
49) Dibromochloromethane	11.129	129	57318	24.316	ug/L	92
50) 1,2-Dibromoethane	11.233	107	47944	23.136	ug/L	91
51) Chlorobenzene	11.654	112	187065	22.984	ug/L	94
52) Ethylbenzene	11.727	91	349886	24.259	ug/L	96
53) m,p-Xylene	11.837	106	131420	24.417	ug/L	99
54) o-Xylene	12.166	106	122749	23.761	ug/L	90
55) Styrene	12.178	104	208977	24.143	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	63231	25.310	ug/L	99
59) Bromoform	12.349	173	31158	22.497	ug/L	96
60) Isopropylbenzene	12.458	105	339302	22.868	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45153	23.878	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	270031	24.476	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	270129	23.230	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	143739	22.724	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	143409	22.443	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	127319	22.501	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9428	23.291	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	93569	22.657	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	77126	21.578	ug/L	98
71) Naphthalene	15.360	128	149685	21.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	70641	22.516	ug/L	97

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

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