

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031160.D
 Acq On : 09 Dec 2024 13:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 01:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	283574	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	269966	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	74696	17.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.480%
7) Chloroethane-d5	2.899	69	67220	19.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.015	65	39662	19.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.680%
21) 2-Butanone-d5	7.094	46	45976	60.241	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.480%
24) Chloroform-d	7.648	84	216501	26.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.280%
26) 1,2-Dichloroethane-d4	8.301	65	118499	28.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.960%
32) Benzene-d6	8.270	84	383012	23.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.270	67	124171	25.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.319	98	352256	23.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.575	79	53359	27.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	37442	65.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98916	30.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	107215	23.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	84338m	23.551	ug/L	
3) Chloromethane	2.222	50	88748	21.013	ug/L	98
5) Vinyl chloride	2.369	62	97110	19.141	ug/L	100
6) Bromomethane	2.783	94	67984	21.073	ug/L	97
8) Chloroethane	2.930	64	60545	19.952	ug/L	98
9) Trichlorofluoromethane	3.259	101	110974	20.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	88713	21.875	ug/L	90
12) 1,1-Dichloroethene	4.039	96	86395m	21.452	ug/L	
13) Acetone	4.173	43	62493m	45.482	ug/L	
14) Carbon disulfide	4.387	76	289115	21.890	ug/L	98
15) Methyl Acetate	4.692	43	41577	28.837	ug/L	95
16) Methylene chloride	4.911	84	98645	24.035	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	97817	22.849	ug/L	89
18) Methyl tert-butyl Ether	5.423	73	161744	27.006	ug/L	97
19) 1,1-Dichloroethane	6.216	63	199228	25.301	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	106171	23.611	ug/L	89
22) 2-Butanone	7.185	43	71725m	55.545	ug/L	
23) Bromochloromethane	7.514	128	44616	23.369	ug/L	# 85
25) Chloroform	7.673	83	206833	25.255	ug/L	98

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27) 1,2-Dichloroethane	8.398	62	141275	28.005	ug/L #	94
29) Cyclohexane	7.953	56	160387	23.603	ug/L	94
30) 1,1,1-Trichloroethane	7.868	97	155827	21.429	ug/L	96
31) Carbon tetrachloride	8.063	117	139162	20.943	ug/L	100
33) Benzene	8.319	78	429750	23.540	ug/L	100
34) Trichloroethene	9.087	95	112337	22.308	ug/L	88
35) Methylcyclohexane	9.331	83	179501	22.401	ug/L	93
37) 1,2-Dichloropropane	9.368	63	115776	25.494	ug/L	97
38) Bromodichloromethane	9.642	83	147077	24.742	ug/L #	89
39) cis-1,3-Dichloropropene	10.069	75	174689	25.477	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	121388	59.690	ug/L #	95
42) Toluene	10.386	91	459673	23.903	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	150017	26.613	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	79835	25.580	ug/L	96
46) Tetrachloroethene	10.855	164	72916	19.532	ug/L	93
48) 2-Hexanone	10.965	43	102813	55.881	ug/L	91
49) Dibromochloromethane	11.129	129	83936	24.413	ug/L	98
50) 1,2-Dibromoethane	11.233	107	75636	25.933	ug/L #	96
51) Chlorobenzene	11.654	112	265180	21.602	ug/L	90
52) Ethylbenzene	11.727	91	520859	23.901	ug/L	95
53) m,p-Xylene	11.831	106	183589	22.636	ug/L	91
54) o-Xylene	12.160	106	170442	22.589	ug/L	74
55) Styrene	12.178	104	298607	23.510	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.708	83	96960	28.677	ug/L	93
59) Bromoform	12.343	173	48189	25.851	ug/L #	39
60) Isopropylbenzene	12.458	105	481510	23.381	ug/L	96
61) 1,2,3-Trichloropropane	12.763	75	70579	29.609	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	399726	24.649	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	384541	24.139	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	193446	21.540	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	211167	23.277	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	177436	22.586	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	16134	31.172	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.623	180	132044	21.638	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	113096	23.635	ug/L	97
71) Naphthalene	15.360	128	216288	28.057	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98878	24.142	ug/L	96

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

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