

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
 Data File : VW029916.D
 Acq On : 15 Aug 2024 19:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Quant Time: Aug 16 01:17:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 16 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	192069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	183691	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	91922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	57480	21.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.893	69	51489	26.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	4.021	65	24707	19.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.400%
21) 2-Butanone-d5	7.075	46	33265	44.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.020%
24) Chloroform-d	7.648	84	133985	26.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	8.307	65	75078	26.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.040%
32) Benzene-d6	8.276	84	240059	24.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.270	67	74596	23.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	10.319	98	219196	24.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	10.575	79	31770	24.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.080%
47) 2-Hexanone-d5	10.922	63	26227	50.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68124	28.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	73580	25.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46645	18.017	ug/L	91
3) Chloromethane	2.223	50	65583	20.471	ug/L	96
5) Vinyl chloride	2.375	62	78470	21.860	ug/L	98
6) Bromomethane	2.783	94	54355	27.576	ug/L	98
8) Chloroethane	2.936	64	54656	26.765	ug/L	95
9) Trichlorofluoromethane	3.265	101	74537	25.996	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67588	23.667	ug/L #	75
12) 1,1-Dichloroethene	4.039	96	62142	23.683	ug/L	90
13) Acetone	4.119	43	32749	35.260	ug/L	97
14) Carbon disulfide	4.387	76	166843	19.107	ug/L	100
15) Methyl Acetate	4.667	43	33515	21.665	ug/L #	89
16) Methylene chloride	4.923	84	86531	21.550	ug/L	82
17) trans-1,2-Dichloroethene	5.429	96	70894	25.072	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	121974	26.174	ug/L	97
19) 1,1-Dichloroethane	6.216	63	145222	24.352	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	80199	26.148	ug/L	98
22) 2-Butanone	7.167	43	44148	37.098	ug/L	88
23) Bromochloromethane	7.514	128	36753	28.226	ug/L #	83
25) Chloroform	7.673	83	158883	28.278	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106885	26.103	ug/L	100
29) Cyclohexane	7.953	56	97788	18.733	ug/L	92
30) 1,1,1-Trichloroethane	7.868	97	119268	25.640	ug/L	96
31) Carbon tetrachloride	8.069	117	106651	25.444	ug/L	99
33) Benzene	8.325	78	317098	25.195	ug/L	100
34) Trichloroethene	9.093	95	83390	25.274	ug/L	96
35) Methylcyclohexane	9.337	83	116410	21.174	ug/L	95
37) 1,2-Dichloropropane	9.368	63	85335	24.742	ug/L	98
38) Bromodichloromethane	9.642	83	113829	27.714	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	124254	24.737	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	99053	45.214	ug/L #	92
42) Toluene	10.386	91	340591	26.511	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	107940	25.886	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	66057	28.509	ug/L	97
46) Tetrachloroethene	10.861	164	58401	24.353	ug/L	91
48) 2-Hexanone	10.965	43	70250	42.814	ug/L #	94
49) Dibromochloromethane	11.123	129	72132	29.987	ug/L	94
50) 1,2-Dibromoethane	11.233	107	60929	28.420	ug/L	97
51) Chlorobenzene	11.654	112	215496	26.967	ug/L	97
52) Ethylbenzene	11.727	91	380734	26.273	ug/L	97
53) m,p-Xylene	11.837	106	143521	26.929	ug/L	97
54) o-Xylene	12.160	106	134376	27.379	ug/L	100
55) Styrene	12.178	104	244458	28.735	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	83680	29.424	ug/L	99
59) Bromoform	12.343	173	40427	29.228	ug/L	97
60) Isopropylbenzene	12.458	105	381709	26.835	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58284	26.070	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	316474	29.933	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	308417	27.276	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	164550	27.114	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	171558	27.520	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	153236	27.734	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12919	25.450	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	108455	26.120	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	89410	25.559	ug/L	98
71) Naphthalene	15.360	128	195943	29.356	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88314	27.893	ug/L	100

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

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