

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029973.D
 Acq On : 20 Aug 2024 20:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Aug 21 00:49:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	197559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	190079	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	98874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50192	17.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
7) Chloroethane-d5	2.899	69	47819	23.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	4.027	65	22994	17.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.840%
21) 2-Butanone-d5	7.094	46	27577	35.874	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.740%
24) Chloroform-d	7.648	84	131830	25.778	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.120%
26) 1,2-Dichloroethane-d4	8.307	65	69788	23.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	8.276	84	232057	22.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.276	67	72090	21.983	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	10.325	98	215719	23.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.480%
43) trans-1,3-Dichloroprop...	10.575	79	28961	21.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.280%
47) 2-Hexanone-d5	10.922	63	20919	38.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61978	25.453	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	71439	23.269	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	59732m	22.430	ug/L	
3) Chloromethane	2.222	50	62190	18.873	ug/L	100
5) Vinyl chloride	2.375	62	80611	21.832	ug/L	97
6) Bromomethane	2.789	94	55636	27.441	ug/L	95
8) Chloroethane	2.936	64	54828	26.103	ug/L	90
9) Trichlorofluoromethane	3.271	101	77936	26.426	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	76897	26.179	ug/L	94
12) 1,1-Dichloroethene	4.045	96	63145	23.396	ug/L	91
13) Acetone	4.149	43	30592	32.023	ug/L	96
14) Carbon disulfide	4.393	76	169314	18.851	ug/L	98
15) Methyl Acetate	4.685	43	29459	18.513	ug/L #	88
16) Methylene chloride	4.917	84	89210	21.600	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	73953	25.427	ug/L	85
18) Methyl tert-butyl Ether	5.429	73	117674	24.549	ug/L	99
19) 1,1-Dichloroethane	6.222	63	151667	24.726	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86394	27.385	ug/L	90
22) 2-Butanone	7.179	43	38731	31.641	ug/L	87
23) Bromochloromethane	7.514	128	38078	28.431	ug/L #	75
25) Chloroform	7.679	83	168277	29.118	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	110102	26.142	ug/L	98
29) Cyclohexane	7.959	56	98935	18.316	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	124142	25.790	ug/L	96
31) Carbon tetrachloride	8.069	117	109888	25.335	ug/L	100
33) Benzene	8.325	78	331797	25.476	ug/L	100
34) Trichloroethene	9.093	95	85278	24.978	ug/L	93
35) Methylcyclohexane	9.337	83	125275	22.020	ug/L	92
37) 1,2-Dichloropropane	9.367	63	86682	24.287	ug/L	99
38) Bromodichloromethane	9.642	83	116947	27.517	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	127496	24.529	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	86425	38.124	ug/L #	91
42) Toluene	10.386	91	360370	27.108	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	107654	24.950	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	67820	28.286	ug/L	96
46) Tetrachloroethene	10.861	164	59589	24.014	ug/L	90
48) 2-Hexanone	10.965	43	61741	36.364	ug/L #	95
49) Dibromochloromethane	11.129	129	70015	28.129	ug/L	89
50) 1,2-Dibromoethane	11.233	107	59912	27.006	ug/L	91
51) Chlorobenzene	11.654	112	221466	26.783	ug/L	95
52) Ethylbenzene	11.727	91	410151	27.352	ug/L	99
53) m,p-Xylene	11.837	106	149555	27.118	ug/L	94
54) o-Xylene	12.166	106	141337	27.830	ug/L	96
55) Styrene	12.178	104	252295	28.660	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	78793	26.774	ug/L	98
59) Bromoform	12.343	173	38444	25.840	ug/L #	90
60) Isopropylbenzene	12.458	105	387781	25.345	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55241	22.972	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	317069	27.881	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	319796	26.294	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	170625	26.138	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	173736	25.910	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	153135	25.767	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12014	22.003	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	113098	25.323	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	89829	23.874	ug/L	99
71) Naphthalene	15.360	128	180150	25.092	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85549	25.120	ug/L	97

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

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