

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060424\
 Data File : VW029005.D
 Acq On : 04 Jun 2024 19:17
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Jun 05 00:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 00:46:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	302335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154150	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	110536	21.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.720%
7) Chloroethane-d5	2.899	69	87082	22.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	4.027	65	49074	21.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	7.075	46	55743	53.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.040%
24) Chloroform-d	7.648	84	214429	23.422	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.301	65	117807	24.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.760%
32) Benzene-d6	8.270	84	426065	22.960	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.270	67	130697	23.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.318	98	387250	23.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	10.575	79	49397	22.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.922	63	40339	54.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100756	25.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	124863	22.826	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70075	19.124	ug/L	# 85
3) Chloromethane	2.222	50	98244	21.946	ug/L	97
5) Vinyl chloride	2.375	62	115908	21.390	ug/L	99
6) Bromomethane	2.789	94	69351	21.360	ug/L	94
8) Chloroethane	2.936	64	72421	22.130	ug/L	100
9) Trichlorofluoromethane	3.271	101	91683	20.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97169	21.862	ug/L	94
12) 1,1-Dichloroethene	4.039	96	92851	22.891	ug/L	88
13) Acetone	4.124	43	44202	40.496	ug/L	98
14) Carbon disulfide	4.393	76	303859	22.127	ug/L	100
15) Methyl Acetate	4.673	43	49931	27.542	ug/L	98
16) Methylene chloride	4.917	84	127908	26.558	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	103980	23.512	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	156912	25.444	ug/L	99
19) 1,1-Dichloroethane	6.216	63	210148	24.170	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	115197	24.846	ug/L	98
22) 2-Butanone	7.167	43	63921	48.599	ug/L	98
23) Bromochloromethane	7.514	128	49717	24.565	ug/L	98
25) Chloroform	7.673	83	207574	24.580	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	142822	25.237	ug/L	99
29) Cyclohexane	7.959	56	179997	23.945	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	153083	21.853	ug/L	98
31) Carbon tetrachloride	8.069	117	144241	22.606	ug/L	97
33) Benzene	8.325	78	453381	24.117	ug/L	100
34) Trichloroethene	9.093	95	118287	23.933	ug/L	96
35) Methylcyclohexane	9.331	83	194893	23.245	ug/L	98
37) 1,2-Dichloropropane	9.367	63	120150	24.406	ug/L	100
38) Bromodichloromethane	9.642	83	144063	23.995	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	178066	24.889	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	145086	57.942	ug/L	99
42) Toluene	10.386	91	480189	25.004	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	145140	25.164	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	85153	25.612	ug/L	96
46) Tetrachloroethene	10.861	164	87921	23.415	ug/L	94
48) 2-Hexanone	10.965	43	102040	54.353	ug/L	100
49) Dibromochloromethane	11.129	129	88241	25.128	ug/L	92
50) 1,2-Dibromoethane	11.233	107	76740	25.284	ug/L	98
51) Chlorobenzene	11.654	112	296592	24.042	ug/L	96
52) Ethylbenzene	11.727	91	529927	24.286	ug/L	97
53) m,p-Xylene	11.836	106	201147	24.888	ug/L	92
54) o-Xylene	12.160	106	189009	25.257	ug/L	92
55) Styrene	12.178	104	334160	25.900	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	100423	26.756	ug/L	98
59) Bromoform	12.342	173	49972	25.210	ug/L	99
60) Isopropylbenzene	12.458	105	519843	23.829	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72990	25.102	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	384701	24.245	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	422354	25.187	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	228488	24.372	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	224611	22.939	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	209384	24.919	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15198	24.523	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	151440	23.526	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	123358	23.645	ug/L	98
71) Naphthalene	15.360	128	234780	26.413	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108033	24.237	ug/L	98

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

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