

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061424\
 Data File : VW029146.D
 Acq On : 14 Jun 2024 08:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Jun 15 00:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 05:21:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	256854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	118742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	90265	22.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
7) Chloroethane-d5	2.899	69	72823	23.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.021	65	40816	22.758	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.040%
21) 2-Butanone-d5	7.075	46	49015	58.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.580%
24) Chloroform-d	7.648	84	191447	26.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	8.306	65	103277	26.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.080%
32) Benzene-d6	8.270	84	355188	24.657	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.270	67	110768	25.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	10.318	98	311262	24.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	10.574	79	41952	24.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.922	63	33494	58.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85817	28.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	99733	23.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59166	20.172	ug/L	92
3) Chloromethane	2.222	50	85940	23.984	ug/L	99
5) Vinyl chloride	2.375	62	101622	23.429	ug/L	99
6) Bromomethane	2.789	94	61649	23.722	ug/L	92
8) Chloroethane	2.935	64	65806	25.122	ug/L	98
9) Trichlorofluoromethane	3.271	101	87373	24.233	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	89551	25.172	ug/L	98
12) 1,1-Dichloroethene	4.045	96	81083	24.974	ug/L	91
13) Acetone	4.118	43	56770	64.978	ug/L	98
14) Carbon disulfide	4.386	76	255628	23.256	ug/L	100
15) Methyl Acetate	4.667	43	39198	27.013	ug/L	98
16) Methylene chloride	4.917	84	92286	23.940	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	88195	24.915	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	128739	26.080	ug/L #	88
19) 1,1-Dichloroethane	6.215	63	181694	26.107	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	95380	25.701	ug/L	97
22) 2-Butanone	7.166	43	62644	59.503	ug/L	98
23) Bromochloromethane	7.514	128	40779	25.173	ug/L	96
25) Chloroform	7.672	83	178825	26.456	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122195	26.976	ug/L	99
29) Cyclohexane	7.959	56	152754	26.177	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	145627	26.780	ug/L	99
31) Carbon tetrachloride	8.069	117	132120	26.674	ug/L	96
33) Benzene	8.325	78	379564	26.009	ug/L	100
34) Trichloroethene	9.087	95	98199	25.595	ug/L	96
35) Methylcyclohexane	9.337	83	172600	26.519	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101057	26.444	ug/L	99
38) Bromodichloromethane	9.642	83	124696	26.754	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	150055	27.018	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	112007	57.622	ug/L	98
42) Toluene	10.385	91	409466	27.466	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	123289	27.536	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	67174	26.026	ug/L	94
46) Tetrachloroethene	10.861	164	75341	25.847	ug/L	95
48) 2-Hexanone	10.964	43	90261	61.934	ug/L	98
49) Dibromochloromethane	11.123	129	72487	26.590	ug/L	93
50) 1,2-Dibromoethane	11.233	107	60420	25.644	ug/L #	98
51) Chlorobenzene	11.653	112	239894	25.050	ug/L	95
52) Ethylbenzene	11.727	91	447771	26.435	ug/L	96
53) m,p-Xylene	11.836	106	171103	27.272	ug/L	96
54) o-Xylene	12.165	106	157454	27.104	ug/L	99
55) Styrene	12.178	104	277316	27.688	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	79049	27.131	ug/L	99
59) Bromoform	12.348	173	38867	25.455	ug/L	99
60) Isopropylbenzene	12.458	105	453427	26.982	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	58755	26.232	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	342677	28.037	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	354661	27.457	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	187456	25.957	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	187822	24.902	ug/L	88
67) 1,2-Dichlorobenzene	13.860	146	168318	26.005	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12774	26.757	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	126538	25.520	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	105271	26.195	ug/L	96
71) Naphthalene	15.360	128	180491	26.360	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91630	26.687	ug/L	99

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

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