

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029268.D
 Acq On : 20 Jun 2024 19:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025513

Quant Time: Jun 21 01:35:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 01:26:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	284478	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	261490	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126593	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76886	19.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.120%
7) Chloroethane-d5	2.899	69	64118m	19.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.120%
11) 1,1-Dichloroethene-d2	4.021	65	37589	19.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.080%
21) 2-Butanone-d5	7.081	46	56012	47.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.100%
24) Chloroform-d	7.648	84	184145	21.700	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	8.307	65	103008	21.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.270	84	358845	22.593	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.270	67	115068	22.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.319	98	314151	22.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.575	79	45990	22.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	40113	50.682	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91318	22.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	108319	24.651	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58775	21.177	ug/L	97
3) Chloromethane	2.223	50	80503	20.342	ug/L	99
5) Vinyl chloride	2.375	62	89311	19.652	ug/L	95
6) Bromomethane	2.789	94	54502	19.953	ug/L	100
8) Chloroethane	2.936	64	59906	21.551	ug/L	99
9) Trichlorofluoromethane	3.265	101	80668	22.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	81506	20.981	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	78433	23.794	ug/L	91
13) Acetone	4.119	43	46184	46.132	ug/L	93
14) Carbon disulfide	4.393	76	227021	21.098	ug/L	100
15) Methyl Acetate	4.673	43	48855	24.582	ug/L	99
16) Methylene chloride	4.923	84	100793	20.150	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	87314	23.852	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	154783	26.428	ug/L	98
19) 1,1-Dichloroethane	6.216	63	188137	23.796	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99497	24.648	ug/L	97
22) 2-Butanone	7.167	43	66675	48.585	ug/L	99
23) Bromochloromethane	7.514	128	42833	23.836	ug/L	95
25) Chloroform	7.673	83	184086	23.844	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132430	23.258	ug/L	100
29) Cyclohexane	7.959	56	150655	25.202	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	139754	24.035	ug/L	97
31) Carbon tetrachloride	8.069	117	123674	23.283	ug/L	96
33) Benzene	8.319	78	390879	24.878	ug/L	100
34) Trichloroethene	9.093	95	100590	23.997	ug/L	94
35) Methylcyclohexane	9.331	83	159154	24.142	ug/L	99
37) 1,2-Dichloropropane	9.368	63	108968	24.682	ug/L	99
38) Bromodichloromethane	9.642	83	130989	24.267	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	161275	25.842	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	145886	53.313	ug/L	98
42) Toluene	10.386	91	419020	25.942	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	133967	25.423	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	77270	25.130	ug/L	98
46) Tetrachloroethene	10.861	164	72784	24.839	ug/L	88
48) 2-Hexanone	10.965	43	101263	52.152	ug/L	96
49) Dibromochloromethane	11.123	129	80048	24.905	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69206	25.073	ug/L	100
51) Chlorobenzene	11.654	112	255919	24.399	ug/L	98
52) Ethylbenzene	11.727	91	467034	25.473	ug/L	99
53) m,p-Xylene	11.837	106	177447	26.496	ug/L	98
54) o-Xylene	12.160	106	169054	27.010	ug/L	100
55) Styrene	12.178	104	293777	26.920	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	93435	24.566	ug/L	100
59) Bromoform	12.349	173	45299	26.108	ug/L	100
60) Isopropylbenzene	12.458	105	456049	27.036	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70239	25.438	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	342353	28.024	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	373247	28.397	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	198584	27.204	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	195393	25.158	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	182010	26.971	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	15273	23.702	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	124094	25.189	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	112427	28.152	ug/L	97
71) Naphthalene	15.360	128	224478	28.479	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92968	25.549	ug/L	95

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

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