

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029172.D
 Acq On : 18 Jun 2024 12:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Jun 19 01:39:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:31:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	79982	23.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
7) Chloroethane-d5	2.893	69	66562	22.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.640%
11) 1,1-Dichloroethene-d2	4.027	65	35700	21.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.960%
21) 2-Butanone-d5	7.081	46	52506	51.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
24) Chloroform-d	7.648	84	172374	23.243	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	8.307	65	101341	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	335632	23.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.320%
36) 1,2-Dichloropropane-d6	9.276	67	108440	24.217	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	10.325	98	303842	24.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.575	79	44140	24.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.922	63	35822	51.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85169	23.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	96549	24.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45287	18.671	ug/L	93
3) Chloromethane	2.222	50	74979	21.680	ug/L	98
5) Vinyl chloride	2.375	62	82295	20.721	ug/L	99
6) Bromomethane	2.789	94	52108	21.829	ug/L	97
8) Chloroethane	2.936	64	54200	22.312	ug/L	99
9) Trichlorofluoromethane	3.265	101	64025	20.793	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	66267	19.519	ug/L	96
12) 1,1-Dichloroethene	4.045	96	65499	22.737	ug/L	95
13) Acetone	4.125	43	41788	47.763	ug/L	100
14) Carbon disulfide	4.399	76	199334	21.197	ug/L	98
15) Methyl Acetate	4.667	43	42406	24.415	ug/L	99
16) Methylene chloride	4.917	84	86396	19.763	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	73409	22.947	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	125578	24.535	ug/L	99
19) 1,1-Dichloroethane	6.216	63	159741	23.120	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	83401	23.641	ug/L	93
22) 2-Butanone	7.173	43	59145	49.315	ug/L	99
23) Bromochloromethane	7.514	128	35938	22.884	ug/L	97
25) Chloroform	7.679	83	160269	23.754	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114408	22.992	ug/L	100
29) Cyclohexane	7.959	56	121692	22.953	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	118354	22.950	ug/L	97
31) Carbon tetrachloride	8.069	117	107956	22.916	ug/L	95
33) Benzene	8.325	78	333915	23.963	ug/L	100
34) Trichloroethene	9.087	95	85526	23.005	ug/L	92
35) Methylcyclohexane	9.337	83	131242	22.447	ug/L	98
37) 1,2-Dichloropropane	9.367	63	92634	23.658	ug/L	98
38) Bromodichloromethane	9.642	83	112565	23.513	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	136046	24.579	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	123128	50.735	ug/L	99
42) Toluene	10.386	91	346792	24.208	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116440	24.914	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	65296	23.944	ug/L	96
46) Tetrachloroethene	10.855	164	57252	22.030	ug/L	94
48) 2-Hexanone	10.965	43	86868	50.444	ug/L	98
49) Dibromochloromethane	11.129	129	68186	23.919	ug/L	89
50) 1,2-Dibromoethane	11.233	107	58393	23.854	ug/L	98
51) Chlorobenzene	11.654	112	221201	23.779	ug/L	98
52) Ethylbenzene	11.727	91	395914	24.347	ug/L	97
53) m,p-Xylene	11.837	106	144664	24.356	ug/L	85
54) o-Xylene	12.166	106	138652	24.977	ug/L	99
55) Styrene	12.178	104	243056	25.113	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	80484	23.859	ug/L	97
59) Bromoform	12.349	173	38573	25.086	ug/L	97
60) Isopropylbenzene	12.458	105	385000	25.755	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60158	24.584	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	283839	26.218	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	309796	26.596	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	163518	25.277	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	167876	24.390	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	150161	25.109	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	14045	24.595	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	104994	24.048	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	90190	25.483	ug/L	99
71) Naphthalene	15.360	128	193573	27.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83487	25.889	ug/L	93

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

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