

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122722\
 Data File : VW025212.D
 Acq On : 27 Dec 2022 12:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Dec 28 00:53:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 28 00:52:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	562394	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	487159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	138944	21.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.720%
7) Chloroethane-d5	2.885	69	103482	24.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.880%
11) 1,1-Dichloroethene-d2	4.013	63	341585	24.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.200%
21) 2-Butanone-d5	7.073	46	80497	49.458	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.920%
24) Chloroform-d	7.646	84	355115	24.462	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.840%
26) 1,2-Dichloroethane-d4	8.305	65	170801	23.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	8.274	84	735184	25.733	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	9.268	67	219077	26.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.400%
41) Toluene-d8	10.323	98	659948	25.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.920%
43) trans-1,3-Dichloroprop...	10.573	79	83609	23.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.240%
47) 2-Hexanone-d5	10.920	63	66626	54.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125699	20.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.920%
66) 1,2-Dichlorobenzene-d4	13.852	152	205565	27.905	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	68494	20.096	ug/L	98
3) Chloromethane	2.214	50	141811	23.629	ug/L	97
5) Vinyl chloride	2.355	62	183984	24.506	ug/L	100
6) Bromomethane	2.775	94	91543	23.531	ug/L	99
8) Chloroethane	2.922	64	89289	25.713	ug/L	100
9) Trichlorofluoromethane	2.357	101	128354	22.813	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	183943	24.750	ug/L	99
12) 1,1-Dichloroethene	4.037	96	178316	25.166	ug/L	96
13) Acetone	4.116	43	70946	42.405	ug/L	99
14) Carbon disulfide	4.379	76	523639	23.149	ug/L	100
15) Methyl Acetate	4.665	43	67668	24.780	ug/L	98
16) Methylene chloride	4.909	84	198848	22.622	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	190278	25.332	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	266767	23.935	ug/L	99
19) 1,1-Dichloroethane	6.214	63	349382	25.742	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	204943	25.803	ug/L	99
22) 2-Butanone	7.165	43	93354	44.352	ug/L	100
23) Bromochloromethane	7.512	128	83661	24.892	ug/L	96
25) Chloroform	7.671	83	341620	24.873	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	205524	23.767	ug/L	99
29) Cyclohexane	7.951	56	329652	26.723	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	284245	24.718	ug/L	99
31) Carbon tetrachloride	8.067	117	249263	23.574	ug/L	99
33) Benzene	8.323	78	794853	26.339	ug/L	100
34) Trichloroethene	9.091	95	203759	25.776	ug/L	95
35) Methylcyclohexane	9.335	83	361444	25.778	ug/L	100
37) 1,2-Dichloropropane	9.366	63	197093	27.078	ug/L	100
38) Bromodichloromethane	9.646	83	241601	25.126	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	295076	26.532	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	193831	51.948	ug/L	99
42) Toluene	10.384	91	826308	26.133	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	244257	25.645	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	134216	25.839	ug/L	95
46) Tetrachloroethene	10.859	164	146088	25.387	ug/L	93
48) 2-Hexanone	10.963	43	133696	49.056	ug/L	99
49) Dibromochloromethane	11.127	129	154563	24.777	ug/L	91
50) 1,2-Dibromoethane	11.231	107	124713	25.788	ug/L	98
51) Chlorobenzene	11.652	112	524591	25.924	ug/L	97
52) Ethylbenzene	11.731	91	928317	25.907	ug/L	99
53) m,p-Xylene	11.835	106	348858	25.494	ug/L	94
54) o-Xylene	12.164	106	296956	22.770	ug/L	97
55) Styrene	12.176	104	521570	23.616	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.712	83	126772	20.869	ug/L	96
59) Bromoform	12.347	173	67161	22.503	ug/L	99
60) Isopropylbenzene	12.463	105	778268	23.362	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	91835	21.984	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	705927	24.738	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	688061	24.820	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	345268	25.316	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	355648	25.894	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	345191	29.023	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	24849	25.513	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	273123	28.204	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	224100	28.841	ug/L	99
71) Naphthalene	15.358	128	431455	28.325	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	193882	28.473	ug/L	97

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

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