

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111022\
 Data File : VW025034.D
 Acq On : 10 Nov 2022 17:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Nov 10 23:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 23:52:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	295264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	277265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	142651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	58814	17.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.000%
7) Chloroethane-d5	2.891	69	43614	22.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
11) 1,1-Dichloroethene-d2	4.025	63	183440	22.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.880%
21) 2-Butanone-d5	7.080	46	47524	42.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.980%
24) Chloroform-d	7.653	84	232346	25.929	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.720%
26) 1,2-Dichloroethane-d4	8.311	65	126181	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.640%
32) Benzene-d6	8.275	84	415898	23.402	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	9.274	67	119690	22.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.323	98	395146	23.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	10.579	79	52792	22.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.920	63	38361	42.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95154	22.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	134268	24.492	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	19519	19.820	ug/L	93
3) Chloromethane	2.221	50	51364	21.684	ug/L	99
5) Vinyl chloride	2.367	62	72320	22.097	ug/L	93
6) Bromomethane	2.788	94	36640	22.433	ug/L	84
8) Chloroethane	2.928	64	33559	24.581	ug/L	92
9) Trichlorofluoromethane	3.263	101	61627	22.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	96480	24.815	ug/L	99
12) 1,1-Dichloroethene	4.050	96	90981	24.840	ug/L	91
13) Acetone	4.123	43	30192	37.996	ug/L	97
14) Carbon disulfide	4.391	76	248277	23.205	ug/L	98
15) Methyl Acetate	4.672	43	33423	21.127	ug/L	96
16) Methylene chloride	4.921	84	101711	19.401	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	99461	25.360	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	168799	25.658	ug/L	98
19) 1,1-Dichloroethane	6.220	63	190557	26.244	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	114659	26.823	ug/L	96
22) 2-Butanone	7.171	43	45705	38.391	ug/L	96
23) Bromochloromethane	7.519	128	47935	25.867	ug/L	93
25) Chloroform	7.677	83	209836	27.382	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	141462	27.215	ug/L	100
29) Cyclohexane	7.957	56	149866	22.891	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	185073	27.276	ug/L	98
31) Carbon tetrachloride	8.073	117	166333	27.434	ug/L	98
33) Benzene	8.323	78	427614	25.611	ug/L	100
34) Trichloroethene	9.091	95	114302	25.860	ug/L	96
35) Methylcyclohexane	9.335	83	179009	23.835	ug/L	98
37) 1,2-Dichloropropane	9.366	63	101036	24.932	ug/L	98
38) Bromodichloromethane	9.646	83	155015	27.408	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	168066	26.234	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	105608	44.409	ug/L	99
42) Toluene	10.390	91	464764	26.219	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	147669	25.927	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	77548	25.344	ug/L	99
46) Tetrachloroethene	10.866	164	83574	26.439	ug/L	86
48) 2-Hexanone	10.969	43	71889	43.711	ug/L	99
49) Dibromochloromethane	11.128	129	102864	27.579	ug/L	98
50) 1,2-Dibromoethane	11.231	107	71334	24.651	ug/L	99
51) Chlorobenzene	11.658	112	302094	26.292	ug/L	98
52) Ethylbenzene	11.731	91	543016	26.539	ug/L	97
53) m,p-Xylene	11.841	106	208657	26.344	ug/L	96
54) o-Xylene	12.164	106	201142	26.919	ug/L	93
55) Styrene	12.176	104	352313	27.147	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	87248	23.769	ug/L	100
59) Bromoform	12.347	173	52606	26.073	ug/L #	96
60) Isopropylbenzene	12.463	105	555383	25.896	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65361	22.806	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	504508	27.099	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	488116	26.737	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	238040	26.612	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	236395	26.486	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	212048	26.365	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	16275	24.574	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	161810	27.312	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	128776	27.965	ug/L	99
71) Naphthalene	15.359	128	249645	25.699	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	108970	27.159	ug/L	99

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

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