

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111122\
 Data File : VW025042.D
 Acq On : 11 Nov 2022 18:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Nov 12 00:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 12 00:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270767	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	250459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	130655	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	47820	15.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.920%
7) Chloroethane-d5	2.885	69	37090	20.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.026	63	144328	19.064	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.240%
21) 2-Butanone-d5	7.080	46	42135	41.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.160%
24) Chloroform-d	7.647	84	183946	22.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.305	65	102530	22.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.160%
32) Benzene-d6	8.275	84	333252	20.759	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	9.275	67	96985	20.619	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.480%
41) Toluene-d8	10.323	98	311938	20.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.480%
43) trans-1,3-Dichloroprop...	10.579	79	43267	20.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.960%
47) 2-Hexanone-d5	10.921	63	35726	43.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.940%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	82472	21.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	110713	22.050	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	28227	31.255	ug/L	# 88
3) Chloromethane	2.215	50	39554	18.209	ug/L	93
5) Vinyl chloride	2.361	62	59243	19.739	ug/L	94
6) Bromomethane	2.782	94	33182	22.154	ug/L	99
8) Chloroethane	2.922	64	29174	23.302	ug/L	94
9) Trichlorofluoromethane	3.263	101	48211	19.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	78170	21.924	ug/L	99
12) 1,1-Dichloroethene	4.044	96	71528	21.296	ug/L	93
13) Acetone	4.123	43	26208	35.967	ug/L	94
14) Carbon disulfide	4.391	76	196898	20.068	ug/L	98
15) Methyl Acetate	4.672	43	30380	20.941	ug/L	100
16) Methylene chloride	4.916	84	86133	17.916	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	79352	22.064	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	139868	23.184	ug/L	99
19) 1,1-Dichloroethane	6.214	63	151740	22.789	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	88981	22.699	ug/L	99
22) 2-Butanone	7.171	43	40118	36.747	ug/L	96
23) Bromochloromethane	7.519	128	38165	22.458	ug/L	92
25) Chloroform	7.677	83	170932	24.324	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	114904	24.105	ug/L	98
29) Cyclohexane	7.958	56	117943	19.943	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	142848	23.306	ug/L	99
31) Carbon tetrachloride	8.067	117	132136	24.126	ug/L	98
33) Benzene	8.324	78	340171	22.554	ug/L	100
34) Trichloroethene	9.092	95	89924	22.522	ug/L	96
35) Methylcyclohexane	9.336	83	143298	21.122	ug/L	98
37) 1,2-Dichloropropane	9.366	63	83016	22.678	ug/L	98
38) Bromodichloromethane	9.646	83	127778	25.010	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	136485	23.584	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	92953	43.271	ug/L	99
42) Toluene	10.390	91	373351	23.316	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	120363	23.395	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	64316	23.270	ug/L	98
46) Tetrachloroethene	10.866	164	64794	22.692	ug/L	96
48) 2-Hexanone	10.969	43	63967	43.057	ug/L	99
49) Dibromochloromethane	11.128	129	84526	25.088	ug/L	98
50) 1,2-Dibromoethane	11.232	107	60352	23.088	ug/L	98
51) Chlorobenzene	11.658	112	246221	23.723	ug/L	97
52) Ethylbenzene	11.731	91	426412	23.070	ug/L	97
53) m,p-Xylene	11.841	106	165037	23.067	ug/L	99
54) o-Xylene	12.164	106	160350	23.756	ug/L	98
55) Styrene	12.183	104	277914	23.706	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	76691	23.130	ug/L	98
59) Bromoform	12.347	173	43088	23.316	ug/L #	97
60) Isopropylbenzene	12.463	105	442275	22.515	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	57855	22.041	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	397492	23.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	385872	23.077	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	191142	23.331	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	191220	23.391	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	174375	23.672	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	14123	23.282	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	131043	24.149	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	108932	25.828	ug/L	99
71) Naphthalene	15.359	128	225137	25.304	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	91064	24.780	ug/L	93

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

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