

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110822\
 Data File : VW025024.D
 Acq On : 08 Nov 2022 14:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Nov 09 00:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 09 00:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	249439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	231626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	123064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47440	16.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.885	69	31231	19.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
11) 1,1-Dichloroethene-d2	4.019	63	137495	19.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.840%
21) 2-Butanone-d5	7.080	46	45016	47.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.280%
24) Chloroform-d	7.653	84	188759	24.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	8.305	65	107561	25.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.274	84	344287	23.190	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.274	67	99405	22.851	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	319325	23.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	10.579	79	45502	23.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.360%
47) 2-Hexanone-d5	10.920	63	38018	50.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87080	25.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	114116	24.130	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	21146	25.417	ug/L	94
3) Chloromethane	2.215	50	35289	17.635	ug/L	94
5) Vinyl chloride	2.361	62	52474	18.978	ug/L	93
6) Bromomethane	2.775	94	27904	20.223	ug/L	96
8) Chloroethane	2.922	64	22382	19.406	ug/L	97
9) Trichlorofluoromethane	3.257	101	38053	16.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	74931	22.813	ug/L #	69
12) 1,1-Dichloroethene	4.037	96	67438	21.795	ug/L	95
13) Acetone	4.117	43	25740	38.345	ug/L	97
14) Carbon disulfide	4.385	76	186694	20.655	ug/L	97
15) Methyl Acetate	4.678	43	29567	22.123	ug/L #	83
16) Methylene chloride	4.921	84	84161	19.003	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	75244	22.710	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	130362	23.456	ug/L	98
19) 1,1-Dichloroethane	6.214	63	142245	23.189	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	86063	23.832	ug/L	95
22) 2-Butanone	7.171	43	42514	42.271	ug/L	99
23) Bromochloromethane	7.512	128	38695	24.717	ug/L	90
25) Chloroform	7.677	83	160515	24.794	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	113074	25.750	ug/L	99
29) Cyclohexane	7.951	56	115159	21.056	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	137307	24.224	ug/L	98
31) Carbon tetrachloride	8.067	117	124627	24.605	ug/L	98
33) Benzene	8.323	78	321234	23.030	ug/L	100
34) Trichloroethene	9.091	95	85574	23.176	ug/L	98
35) Methylcyclohexane	9.335	83	136204	21.709	ug/L	99
37) 1,2-Dichloropropane	9.372	63	77389	22.859	ug/L	97
38) Bromodichloromethane	9.646	83	120627	25.530	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	130960	24.470	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	92718	46.671	ug/L	100
42) Toluene	10.384	91	349451	23.598	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	117160	24.624	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	62512	24.456	ug/L	96
46) Tetrachloroethene	10.859	164	63901	24.199	ug/L	94
48) 2-Hexanone	10.969	43	64634	47.043	ug/L	99
49) Dibromochloromethane	11.128	129	80173	25.731	ug/L	98
50) 1,2-Dibromoethane	11.231	107	60118	24.868	ug/L	96
51) Chlorobenzene	11.658	112	228210	23.775	ug/L	96
52) Ethylbenzene	11.725	91	405357	23.714	ug/L	96
53) m,p-Xylene	11.841	106	156297	23.622	ug/L	99
54) o-Xylene	12.164	106	149670	23.977	ug/L	86
55) Styrene	12.176	104	261250	24.096	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	74180	24.191	ug/L	99
59) Bromoform	12.347	173	42119	24.198	ug/L #	98
60) Isopropylbenzene	12.463	105	411960	22.266	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	56099	22.690	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	373243	23.239	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	368546	23.401	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	182520	23.653	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	181999	23.637	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	168655	24.308	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14236	24.916	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	121803	23.831	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	100545	25.310	ug/L	98
71) Naphthalene	15.359	128	218041	26.018	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	90827	26.240	ug/L	99

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

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