

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030092.D
 Acq On : 29 Aug 2024 11:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Aug 29 21:29:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	173270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	160625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61672	23.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.680%
7) Chloroethane-d5	2.899	69	46407	25.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.440%
11) 1,1-Dichloroethene-d2	4.021	65	26952	24.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.880%
21) 2-Butanone-d5	7.075	46	28221	54.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.800%
24) Chloroform-d	7.648	84	124136	26.567	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.280%
26) 1,2-Dichloroethane-d4	8.307	65	65455	27.588	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.360%
32) Benzene-d6	8.270	84	241878	25.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.040%
36) 1,2-Dichloropropane-d6	9.276	67	74531	26.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.320%
41) Toluene-d8	10.319	98	219684	25.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.840%
43) trans-1,3-Dichloroprop...	10.575	79	29472	25.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.160%
47) 2-Hexanone-d5	10.922	63	23303	54.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58601	28.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	71938	24.640	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	52351	26.270	ug/L	96
3) Chloromethane	2.222	50	59725	25.781	ug/L	99
5) Vinyl chloride	2.375	62	69694	25.452	ug/L	97
6) Bromomethane	2.789	94	40627	23.875	ug/L	92
8) Chloroethane	2.936	64	39358	24.943	ug/L	98
9) Trichlorofluoromethane	3.271	101	55473	23.395	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	53008	23.366	ug/L	98
12) 1,1-Dichloroethene	4.045	96	51627	23.245	ug/L	96
13) Acetone	4.118	43	29254	62.225	ug/L	95
14) Carbon disulfide	4.393	76	177218	25.721	ug/L	99
15) Methyl Acetate	4.667	43	25395	27.705	ug/L	95
16) Methylene chloride	4.917	84	63493	22.182	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	57408	23.372	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	83504	22.230	ug/L	96
19) 1,1-Dichloroethane	6.216	63	118198	25.896	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	62083	22.868	ug/L	95
22) 2-Butanone	7.173	43	35848	53.287	ug/L	93
23) Bromochloromethane	7.514	128	27445	23.835	ug/L #	91
25) Chloroform	7.679	83	117632	25.196	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	76531	25.609	ug/L	96
29) Cyclohexane	7.959	56	92941	23.963	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	91149	24.228	ug/L	98
31) Carbon tetrachloride	8.069	117	82146	24.303	ug/L	97
33) Benzene	8.325	78	251760	24.464	ug/L	100
34) Trichloroethene	9.093	95	64556	23.296	ug/L	96
35) Methylcyclohexane	9.337	83	107279	23.637	ug/L	94
37) 1,2-Dichloropropane	9.368	63	67961	26.078	ug/L	99
38) Bromodichloromethane	9.642	83	81993	24.936	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	96967	24.175	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	71591	55.187	ug/L	94
42) Toluene	10.386	91	270177	24.652	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	81265	25.038	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	45913	24.037	ug/L	95
46) Tetrachloroethene	10.861	164	46453	22.086	ug/L	93
48) 2-Hexanone	10.965	43	53050	57.525	ug/L	91
49) Dibromochloromethane	11.123	129	50878	25.069	ug/L	93
50) 1,2-Dibromoethane	11.233	107	43089	24.150	ug/L	84
51) Chlorobenzene	11.654	112	164106	23.419	ug/L	99
52) Ethylbenzene	11.727	91	301001	24.239	ug/L	97
53) m,p-Xylene	11.837	106	110818	23.913	ug/L	99
54) o-Xylene	12.166	106	103674	23.309	ug/L	98
55) Styrene	12.178	104	185103	24.838	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	55883	25.980	ug/L	99
59) Bromoform	12.349	173	27781	23.112	ug/L	96
60) Isopropylbenzene	12.458	105	286312	22.233	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	39862	24.288	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	229741	23.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	232592	23.046	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	120377	21.927	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	126163	22.749	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	109399	22.277	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	8333	23.719	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	77023	21.490	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	65355	21.068	ug/L	99
71) Naphthalene	15.360	128	122885	20.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	57531	21.129	ug/L	97

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

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