

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112124\
 Data File : VW031091.D
 Acq On : 21 Nov 2024 18:57
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Nov 22 00:11:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 00:06:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377278	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	357911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187282	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	120090	26.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.440%	
7) Chloroethane-d5	2.899	69	94441	26.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.080%	
11) 1,1-Dichloroethene-d2	4.021	65	54601	24.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.120%	
21) 2-Butanone-d5	7.075	46	58651	55.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.760%	
24) Chloroform-d	7.648	84	270091	26.354	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.400%	
26) 1,2-Dichloroethane-d4	8.301	65	138203	27.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.400%	
32) Benzene-d6	8.270	84	537209	26.504	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.000%	
36) 1,2-Dichloropropane-d6	9.270	67	158686	26.551	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.200%	
41) Toluene-d8	10.319	98	491894	26.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.560%	
43) trans-1,3-Dichloroprop...	10.575	79	66335	26.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.640%	
47) 2-Hexanone-d5	10.922	63	47860	55.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.440%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126359	27.759	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.040%	
66) 1,2-Dichlorobenzene-d4	13.848	152	161390	24.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	101027	22.587	ug/L	91
3) Chloromethane	2.223	50	125641	22.849	ug/L	100
5) Vinyl chloride	2.375	62	144410	25.469	ug/L	99
6) Bromomethane	2.796	94	99254	25.069	ug/L	96
8) Chloroethane	2.936	64	88522	26.029	ug/L	95
9) Trichlorofluoromethane	3.271	101	158706	20.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	127615	24.049	ug/L	99
12) 1,1-Dichloroethene	4.045	96	119173	23.051	ug/L	95
13) Acetone	4.119	43	64824	41.239	ug/L	100
14) Carbon disulfide	4.387	76	406391	24.251	ug/L	99
15) Methyl Acetate	4.667	43	53665	26.302	ug/L	98
16) Methylene chloride	4.923	84	137778	25.509	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	141077	25.156	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	212654	26.314	ug/L	99
19) 1,1-Dichloroethane	6.222	63	249591	25.397	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	148186	25.044	ug/L	99
22) 2-Butanone	7.167	43	76825	45.195	ug/L	99
23) Bromochloromethane	7.520	128	69223	26.110	ug/L	89
25) Chloroform	7.679	83	263721	25.672	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	166223	27.152	ug/L	98
29) Cyclohexane	7.959	56	198248	23.681	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	207924	23.950	ug/L	98
31) Carbon tetrachloride	8.069	117	190524	24.134	ug/L	100
33) Benzene	8.325	78	587493	25.644	ug/L	100
34) Trichloroethene	9.093	95	151198	24.363	ug/L	95
35) Methylcyclohexane	9.331	83	240963	24.162	ug/L	98
37) 1,2-Dichloropropane	9.368	63	147325	25.792	ug/L	100
38) Bromodichloromethane	9.642	83	186759	25.978	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	221041	25.676	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	150370	55.949	ug/L	100
42) Toluene	10.386	91	624991	25.832	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	184745	26.575	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	110153	26.512	ug/L	97
46) Tetrachloroethene	10.861	164	116425	23.460	ug/L	93
48) 2-Hexanone	10.965	43	112534	52.958	ug/L	98
49) Dibromochloromethane	11.123	129	123543	26.738	ug/L	99
50) 1,2-Dibromoethane	11.233	107	103795	26.252	ug/L	94
51) Chlorobenzene	11.654	112	392028	24.776	ug/L	98
52) Ethylbenzene	11.727	91	691758	25.501	ug/L	99
53) m,p-Xylene	11.837	106	272806	26.349	ug/L	97
54) o-Xylene	12.160	106	253312	26.033	ug/L	95
55) Styrene	12.178	104	444436	26.840	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	126647	27.329	ug/L	94
59) Bromoform	12.343	173	70894	25.294	ug/L	97
60) Isopropylbenzene	12.458	105	680197	24.928	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90936	26.524	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	557276	25.891	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	537544	25.319	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	296532	23.828	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	313958	24.246	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	277843	24.906	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	19349	25.821	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	196591	23.110	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	174349	25.628	ug/L	97
71) Naphthalene	15.354	128	326903	28.421	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	158669	26.204	ug/L	96

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

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