

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070524\
 Data File : VW029462.D
 Acq On : 05 Jul 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Jul 06 00:15:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	244031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111216	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58036	17.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.899	69	52627	18.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	4.027	65	32388	19.860	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.440%
21) 2-Butanone-d5	7.075	46	66087	65.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.800%
24) Chloroform-d	7.648	84	181129	24.882	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.307	65	104495	25.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.270	84	335364	24.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.270	67	112726	25.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.840%
41) Toluene-d8	10.319	98	295795	24.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.575	79	45265	25.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.922	63	46045	66.335	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98630	27.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	108217	28.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.120%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	37913	15.924	ug/L	99
3) Chloromethane	2.223	50	63666	18.754	ug/L	99
5) Vinyl chloride	2.375	62	78112	20.037	ug/L	97
6) Bromomethane	2.789	94	47011	20.063	ug/L	92
8) Chloroethane	2.936	64	51880	21.757	ug/L	98
9) Trichlorofluoromethane	3.271	101	73446	24.300	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	73722	22.123	ug/L	89
12) 1,1-Dichloroethene	4.051	96	68350	24.172	ug/L	77
13) Acetone	4.119	43	52481	61.110	ug/L	97
14) Carbon disulfide	4.393	76	185266	20.071	ug/L	100
15) Methyl Acetate	4.667	43	48002	28.156	ug/L	100
16) Methylene chloride	4.917	84	89847	20.939	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79737	25.393	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	145901	29.041	ug/L	98
19) 1,1-Dichloroethane	6.216	63	178800	26.364	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	93365	26.962	ug/L	97
22) 2-Butanone	7.167	43	68916	58.541	ug/L	99
23) Bromochloromethane	7.514	128	40384	26.198	ug/L	92
25) Chloroform	7.673	83	179205	27.060	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	124348	25.459	ug/L	100
29) Cyclohexane	7.959	56	128784	24.565	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	136040	26.677	ug/L	96
31) Carbon tetrachloride	8.063	117	121495	26.081	ug/L	95
33) Benzene	8.325	78	360585	26.169	ug/L	100
34) Trichloroethene	9.093	95	92540	25.173	ug/L	94
35) Methylcyclohexane	9.337	83	142706	24.683	ug/L	98
37) 1,2-Dichloropropane	9.368	63	103359	26.695	ug/L	99
38) Bromodichloromethane	9.642	83	127846	27.006	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	156301	28.557	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	140014	58.343	ug/L	98
42) Toluene	10.386	91	377145	26.624	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	131320	28.415	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73074	27.098	ug/L	98
46) Tetrachloroethene	10.861	164	65688	25.561	ug/L	90
48) 2-Hexanone	10.965	43	101799	59.781	ug/L	98
49) Dibromochloromethane	11.123	129	75322	26.721	ug/L	97
50) 1,2-Dibromoethane	11.233	107	66157	27.330	ug/L	98
51) Chlorobenzene	11.654	112	241773	26.283	ug/L	97
52) Ethylbenzene	11.727	91	443958	27.610	ug/L	97
53) m,p-Xylene	11.837	106	161649	27.522	ug/L	98
54) o-Xylene	12.166	106	156461	28.503	ug/L	96
55) Styrene	12.178	104	271199	28.336	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	93320	27.976	ug/L	96
59) Bromoform	12.349	173	43466	28.516	ug/L	95
60) Isopropylbenzene	12.458	105	432738	29.201	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68389	28.192	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	331956	30.930	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	348085	30.144	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	196021	30.566	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	185808	27.232	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	166825	28.139	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15243	26.927	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	129178	29.846	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	104737	29.852	ug/L	98
71) Naphthalene	15.360	128	217381	31.392	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97582	30.525	ug/L	96

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

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