

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028568.D
 Acq On : 02 May 2024 13:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: May 03 03:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260608	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241065	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112464	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	119844	24.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.880%
7) Chloroethane-d5	2.899	69	90505	23.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	4.027	65	49891	24.130	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.520%
21) 2-Butanone-d5	7.075	46	61502	47.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.280%
24) Chloroform-d	7.654	84	196718	24.157	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	8.307	65	111212	23.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.276	84	382989	23.812	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.276	67	113630	23.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.325	98	342200	24.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.575	79	47725	24.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.922	63	42955	51.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95312	23.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	105841	24.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	86790	22.917	ug/L	98
3) Chloromethane	2.223	50	109723	23.386	ug/L	100
5) Vinyl chloride	2.375	62	123015	23.289	ug/L	99
6) Bromomethane	2.796	94	69006	22.583	ug/L	96
8) Chloroethane	2.942	64	71249	23.652	ug/L	97
9) Trichlorofluoromethane	3.271	101	100995	23.289	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	83191	20.807	ug/L	93
12) 1,1-Dichloroethene	4.045	96	82783	23.081	ug/L	97
13) Acetone	4.125	43	65642	55.887	ug/L	98
14) Carbon disulfide	4.393	76	278932	23.011	ug/L	98
15) Methyl Acetate	4.673	43	48989	23.974	ug/L	100
16) Methylene chloride	4.923	84	86062	21.353	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	86847	23.258	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	130228	23.633	ug/L	100
19) 1,1-Dichloroethane	6.222	63	167938	22.680	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	89904	23.005	ug/L	99
22) 2-Butanone	7.167	43	74020	49.099	ug/L	100
23) Bromochloromethane	7.520	128	38721	22.715	ug/L	97
25) Chloroform	7.679	83	163918	22.887	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	119289	22.913	ug/L	98
29) Cyclohexane	7.959	56	161713	23.528	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	139603	23.110	ug/L	98
31) Carbon tetrachloride	8.069	117	126635	22.992	ug/L	98
33) Benzene	8.325	78	358021	22.903	ug/L	100
34) Trichloroethene	9.093	95	94664	22.587	ug/L	97
35) Methylcyclohexane	9.331	83	172153	23.504	ug/L	99
37) 1,2-Dichloropropane	9.368	63	92288	22.657	ug/L	100
38) Bromodichloromethane	9.642	83	113389	22.836	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	135753	23.252	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	133789	48.259	ug/L	100
42) Toluene	10.386	91	378089	23.418	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	117915	23.954	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	66380	22.496	ug/L	96
46) Tetrachloroethene	10.861	164	69525	23.024	ug/L	97
48) 2-Hexanone	10.965	43	105868	54.091	ug/L	98
49) Dibromochloromethane	11.123	129	67694	22.872	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64443	23.314	ug/L	98
51) Chlorobenzene	11.654	112	221830	22.212	ug/L	95
52) Ethylbenzene	11.727	91	435202	23.819	ug/L	95
53) m,p-Xylene	11.837	106	160362	23.943	ug/L	97
54) o-Xylene	12.160	106	145805	23.532	ug/L	94
55) Styrene	12.178	104	255388	24.325	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	86491	23.363	ug/L	95
59) Bromoform	12.349	173	41146	25.077	ug/L	94
60) Isopropylbenzene	12.465	105	417742	24.483	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64368	23.683	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	308415	25.548	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	328411	25.248	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	171953	24.226	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	173241	23.873	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	157340	24.766	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14723	23.168	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	116824	24.527	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	95966	24.936	ug/L	95
71) Naphthalene	15.354	128	210704	25.697	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87853	25.298	ug/L	97

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

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