

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028845.D
 Acq On : 28 May 2024 20:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: May 29 01:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 00:53:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	285412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	271335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136454	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	115331	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.899	69	94496	22.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	4.027	65	50464	22.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	7.081	46	67733	47.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.800%
24) Chloroform-d	7.648	84	235756	26.435	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.760%
26) 1,2-Dichloroethane-d4	8.307	65	132875	26.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.276	84	470264	25.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.920%
36) 1,2-Dichloropropane-d6	9.270	67	142093	26.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.320%
41) Toluene-d8	10.325	98	418534	26.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.440%
43) trans-1,3-Dichloroprop...	10.575	79	55987	25.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.200%
47) 2-Hexanone-d5	10.922	63	46129	49.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113131	24.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	134066	25.778	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	78806	19.000	ug/L	97
3) Chloromethane	2.223	50	102150	19.880	ug/L	95
5) Vinyl chloride	2.375	62	118393	20.466	ug/L	99
6) Bromomethane	2.790	94	72791	21.752	ug/L	100
8) Chloroethane	2.942	64	72829	22.075	ug/L	99
9) Trichlorofluoromethane	3.265	101	90544	19.064	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98273	22.443	ug/L	93
12) 1,1-Dichloroethene	4.051	96	92212	23.475	ug/L	98
13) Acetone	4.119	43	45327	35.237	ug/L	96
14) Carbon disulfide	4.399	76	256050	19.287	ug/L	100
15) Methyl Acetate	4.673	43	52534	23.474	ug/L	100
16) Methylene chloride	4.923	84	114063	25.841	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	102600	25.089	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	159743	26.470	ug/L	98
19) 1,1-Dichloroethane	6.222	63	212876	26.250	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	117101	27.361	ug/L	93
22) 2-Butanone	7.173	43	69841	42.301	ug/L	99
23) Bromochloromethane	7.514	128	50606	27.107	ug/L	98
25) Chloroform	7.679	83	211716	26.992	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148738	26.087	ug/L	100
29) Cyclohexane	7.959	56	158099	20.436	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	163151	23.995	ug/L	99
31) Carbon tetrachloride	8.069	117	146430	23.620	ug/L	98
33) Benzene	8.325	78	453181	25.756	ug/L	100
34) Trichloroethene	9.093	95	113927	24.150	ug/L	93
35) Methylcyclohexane	9.337	83	175705	21.313	ug/L	98
37) 1,2-Dichloropropane	9.368	63	122674	26.757	ug/L	100
38) Bromodichloromethane	9.642	83	150951	27.009	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	179279	27.282	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	152170	48.766	ug/L	98
42) Toluene	10.386	91	481369	26.488	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	147905	26.695	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	88285	26.582	ug/L	97
46) Tetrachloroethene	10.861	164	81217	23.896	ug/L	94
48) 2-Hexanone	10.965	43	108373	49.194	ug/L	100
49) Dibromochloromethane	11.123	129	91449	27.451	ug/L	96
50) 1,2-Dibromoethane	11.233	107	78670	25.286	ug/L	94
51) Chlorobenzene	11.654	112	305037	27.136	ug/L	98
52) Ethylbenzene	11.727	91	542034	26.356	ug/L	98
53) m,p-Xylene	11.837	106	204727	27.157	ug/L	92
54) o-Xylene	12.166	106	193960	27.811	ug/L	92
55) Styrene	12.178	104	341672	28.913	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	105890	25.412	ug/L	100
59) Bromoform	12.349	173	52439	26.341	ug/L	98
60) Isopropylbenzene	12.459	105	539442	26.057	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	77807	23.594	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	396648	27.080	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	414568	26.269	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	223010	25.895	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	233171	26.483	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	211225	27.403	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17077	22.148	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	139839	24.198	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	119826	25.662	ug/L	99
71) Naphthalene	15.360	128	252831	25.414	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110654	26.262	ug/L	99

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

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