

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028244.D
 Acq On : 27 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Mar 28 01:07:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 26 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	205983	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189551	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51713	21.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
7) Chloroethane-d5	2.905	69	42135	25.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	4.027	65	35665	23.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.360%
21) 2-Butanone-d5	7.081	46	37547	52.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.640%
24) Chloroform-d	7.648	84	170913	28.139	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.560%
26) 1,2-Dichloroethane-d4	8.307	65	90586	27.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.240%
32) Benzene-d6	8.276	84	318327	27.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.040%
36) 1,2-Dichloropropane-d6	9.270	67	94385	28.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.360%
41) Toluene-d8	10.325	98	291756	27.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.320%
43) trans-1,3-Dichloroprop...	10.575	79	40713	26.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.680%
47) 2-Hexanone-d5	10.922	63	30570	55.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69740	28.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	102973	28.367	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59080	19.772	ug/L	98
3) Chloromethane	2.223	50	44584	21.037	ug/L	99
5) Vinyl chloride	2.375	62	57034	23.807	ug/L	93
6) Bromomethane	2.796	94	35431	24.834	ug/L	95
8) Chloroethane	2.936	64	31266	24.282	ug/L	99
9) Trichlorofluoromethane	3.271	101	74884	25.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	74631	25.937	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68536	25.766	ug/L	91
13) Acetone	4.131	43	33603	42.576	ug/L	100
14) Carbon disulfide	4.393	76	200552	24.174	ug/L	100
15) Methyl Acetate	4.673	43	27751	22.827	ug/L	99
16) Methylene chloride	4.917	84	71531	22.816	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	72507	25.650	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	109873	25.762	ug/L	99
19) 1,1-Dichloroethane	6.216	63	141755	25.903	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79840	26.152	ug/L	95
22) 2-Butanone	7.173	43	40545	45.246	ug/L	97
23) Bromochloromethane	7.514	128	34476	25.544	ug/L	95
25) Chloroform	7.679	83	147603	26.199	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	96009	24.131	ug/L	98
29) Cyclohexane	7.959	56	125207	25.325	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	129095	25.981	ug/L	99
31) Carbon tetrachloride	8.069	117	119093	25.553	ug/L	99
33) Benzene	8.325	78	302357	25.922	ug/L	100
34) Trichloroethene	9.093	95	84082	25.838	ug/L	97
35) Methylcyclohexane	9.337	83	138361	25.154	ug/L	99
37) 1,2-Dichloropropane	9.368	63	77605	26.012	ug/L	99
38) Bromodichloromethane	9.642	83	103182	25.652	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	125113	26.186	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	78714	47.798	ug/L	99
42) Toluene	10.386	91	330368	25.952	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	104865	25.996	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	55239	25.626	ug/L	94
46) Tetrachloroethene	10.861	164	66887	25.499	ug/L	96
48) 2-Hexanone	10.965	43	60471	46.876	ug/L	97
49) Dibromochloromethane	11.123	129	65553	25.678	ug/L	98
50) 1,2-Dibromoethane	11.233	107	49843	24.183	ug/L	93
51) Chlorobenzene	11.654	112	213607	26.436	ug/L	95
52) Ethylbenzene	11.727	91	383600	25.813	ug/L	98
53) m,p-Xylene	11.837	106	146927	26.274	ug/L	96
54) o-Xylene	12.160	106	137983	26.608	ug/L	94
55) Styrene	12.178	104	238199	26.741	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	60541	24.555	ug/L	96
59) Bromoform	12.343	173	38293	25.645	ug/L	98
60) Isopropylbenzene	12.459	105	402820	27.207	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	44832	23.573	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	269156	27.094	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	318354	26.540	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	169093	25.600	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	173138	26.214	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	152624	26.832	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	10633	23.801	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	124464	27.052	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	101275	25.911	ug/L	97
71) Naphthalene	15.360	128	174738	26.046	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87948	27.295	ug/L	98

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

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