

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022324\
 Data File : VW028059.D
 Acq On : 23 Feb 2024 16:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025495

Quant Time: Feb 23 22:37:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 23 22:35:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	257227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	243114	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	46237	15.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.400%
7) Chloroethane-d5	2.899	69	44500	19.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
11) 1,1-Dichloroethene-d2	4.021	65	22162	17.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.760%
21) 2-Butanone-d5	7.075	46	33955	72.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.080%#
24) Chloroform-d	7.648	84	139375	23.173	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	69505	25.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.360%
32) Benzene-d6	8.270	84	266514	20.490	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.960%
36) 1,2-Dichloropropane-d6	9.270	67	76173	21.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.318	98	256024	20.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	10.574	79	33279	22.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.800%
47) 2-Hexanone-d5	10.922	63	32869	68.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.040%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	76720	29.105	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	99435	21.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	36465	16.462	ug/L	98
3) Chloromethane	2.222	50	43772	17.993	ug/L	99
5) Vinyl chloride	2.375	62	57452	17.424	ug/L	98
6) Bromomethane	2.789	94	45772	19.647	ug/L	92
8) Chloroethane	2.930	64	36570	19.630	ug/L	91
9) Trichlorofluoromethane	3.259	101	50273	16.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	60963	20.184	ug/L	98
12) 1,1-Dichloroethene	4.045	96	56076	19.958	ug/L	98
13) Acetone	4.118	43	23188	50.942	ug/L	96
14) Carbon disulfide	4.393	76	140152	16.848	ug/L	99
15) Methyl Acetate	4.667	43	23884	31.518	ug/L	99
16) Methylene chloride	4.911	84	67475	20.987	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	64632	21.410	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	96042	26.837	ug/L	100
19) 1,1-Dichloroethane	6.215	63	113441	23.132	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	75348	23.637	ug/L	92
22) 2-Butanone	7.167	43	33408	63.581	ug/L	99
23) Bromochloromethane	7.514	128	36113	25.503	ug/L	90
25) Chloroform	7.673	83	129611	24.585	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	81078	27.616	ug/L	97
29) Cyclohexane	7.953	56	80741	18.633	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	102812	21.907	ug/L	99
31) Carbon tetrachloride	8.069	117	94903	21.858	ug/L	99
33) Benzene	8.319	78	265499	21.865	ug/L	100
34) Trichloroethene	9.087	95	74526	21.380	ug/L	98
35) Methylcyclohexane	9.331	83	109936	19.165	ug/L	98
37) 1,2-Dichloropropane	9.367	63	65699	23.025	ug/L	99
38) Bromodichloromethane	9.642	83	96247	25.270	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	108212	23.661	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	69345	64.389	ug/L	99
42) Toluene	10.385	91	302685	22.233	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	91897	25.316	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	59527	26.357	ug/L	97
46) Tetrachloroethene	10.861	164	59222	20.191	ug/L	93
48) 2-Hexanone	10.965	43	51500	63.134	ug/L	98
49) Dibromochloromethane	11.123	129	67245	26.116	ug/L	81
50) 1,2-Dibromoethane	11.233	107	57751	27.395	ug/L	99
51) Chlorobenzene	11.654	112	210562	23.254	ug/L	97
52) Ethylbenzene	11.727	91	344475	22.441	ug/L	100
53) m,p-Xylene	11.836	106	130825	21.732	ug/L	90
54) o-Xylene	12.160	106	129604	22.955	ug/L	100
55) Styrene	12.178	104	225472	23.976	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	70018	28.951	ug/L	98
59) Bromoform	12.342	173	42887	26.956	ug/L	99
60) Isopropylbenzene	12.458	105	345845	20.549	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49585	27.563	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	288553	21.424	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	299303	22.710	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	170315	22.028	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	171264	21.786	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	151720	22.217	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	10555	29.552	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	116582	20.999	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	100985	22.525	ug/L	98
71) Naphthalene	15.354	128	197446	28.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91143	24.366	ug/L	99

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

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