

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030715.D
 Acq On : 22 Oct 2024 19:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Oct 23 01:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 23 01:34:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242634	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	68639	17.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
7) Chloroethane-d5	2.905	69	65500	22.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
11) 1,1-Dichloroethene-d2	4.021	65	30121	18.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.960%
21) 2-Butanone-d5	7.075	46	41656	60.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.380%
24) Chloroform-d	7.648	84	180454	26.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.040%
26) 1,2-Dichloroethane-d4	8.307	65	93171	25.822	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.280%
32) Benzene-d6	8.276	84	313977	23.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	9.276	67	99601	25.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.000%
41) Toluene-d8	10.319	98	292180	24.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.575	79	38511	23.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.922	63	31956	63.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85761	29.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	102835	26.519	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	62605	20.195	ug/L	91
3) Chloromethane	2.223	50	91950	25.521	ug/L	97
5) Vinyl chloride	2.375	62	109869	24.797	ug/L	98
6) Bromomethane	2.789	94	76405	26.199	ug/L	99
8) Chloroethane	2.936	64	75348	27.818	ug/L	99
9) Trichlorofluoromethane	3.271	101	98505	24.846	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86415	24.227	ug/L	95
12) 1,1-Dichloroethene	4.045	96	83164	25.547	ug/L	94
13) Acetone	4.119	43	34786	34.619	ug/L	96
14) Carbon disulfide	4.387	76	237972	22.386	ug/L	98
15) Methyl Acetate	4.673	43	37158	29.936	ug/L	99
16) Methylene chloride	4.923	84	95822	26.123	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	92177	26.241	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	149936	30.499	ug/L	99
19) 1,1-Dichloroethane	6.216	63	186321	28.539	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	107763	28.762	ug/L	98
22) 2-Butanone	7.167	43	47266	43.638	ug/L	98
23) Bromochloromethane	7.514	128	45399	27.698	ug/L	# 90
25) Chloroform	7.673	83	199403	28.581	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127154	27.626	ug/L	100
29) Cyclohexane	7.953	56	140167	25.111	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	159275	26.165	ug/L	98
31) Carbon tetrachloride	8.063	117	138908	25.549	ug/L	98
33) Benzene	8.325	78	404966	27.138	ug/L	100
34) Trichloroethene	9.093	95	106274	25.598	ug/L	97
35) Methylcyclohexane	9.337	83	162605	24.887	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106159	28.484	ug/L	100
38) Bromodichloromethane	9.648	83	138584	27.948	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	153574	27.318	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	110072	61.476	ug/L	99
42) Toluene	10.386	91	445380	27.976	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129239	27.358	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	78320	29.076	ug/L	98
46) Tetrachloroethene	10.861	164	74952	24.478	ug/L	91
48) 2-Hexanone	10.965	43	77570	52.977	ug/L	97
49) Dibromochloromethane	11.129	129	85482	28.442	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71074	28.278	ug/L	100
51) Chlorobenzene	11.654	112	278019	27.128	ug/L	98
52) Ethylbenzene	11.727	91	506082	27.859	ug/L	99
53) m,p-Xylene	11.837	106	190188	27.945	ug/L	95
54) o-Xylene	12.160	106	178199	28.322	ug/L	96
55) Styrene	12.178	104	315649	29.345	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	90281	29.722	ug/L	98
59) Bromoform	12.343	173	41720	25.910	ug/L	97
60) Isopropylbenzene	12.459	105	502693	28.324	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	62742	28.134	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	399481	28.530	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	396791	28.943	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	212816	27.548	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	215119	26.968	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	189728	27.909	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	13502	27.153	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	125513	24.638	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	105151	25.640	ug/L	99
71) Naphthalene	15.360	128	214634	30.292	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102239	28.756	ug/L	94

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

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