

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028199.D
 Acq On : 15 Mar 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Mar 18 01:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	190719	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	174580	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	95585	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	50308	22.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
7) Chloroethane-d5	2.899	69	37326	23.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	4.021	65	34296	24.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.960%
21) 2-Butanone-d5	7.075	46	36757	55.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.700%
24) Chloroform-d	7.648	84	153755	27.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	8.307	65	85887	27.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.840%
32) Benzene-d6	8.270	84	295487	27.722	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.880%
36) 1,2-Dichloropropane-d6	9.270	67	83956	27.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.480%
41) Toluene-d8	10.319	98	273143	27.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.120%
43) trans-1,3-Dichloroprop...	10.575	79	39572	28.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.600%
47) 2-Hexanone-d5	10.922	63	30855	60.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66253	29.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	90346	25.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	57898	20.927	ug/L	90
3) Chloromethane	2.223	50	40424	20.601	ug/L	98
5) Vinyl chloride	2.375	62	45908	20.697	ug/L	93
6) Bromomethane	2.789	94	28891	21.871	ug/L	89
8) Chloroethane	2.936	64	27302	22.900	ug/L	97
9) Trichlorofluoromethane	3.265	101	55798	20.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	61841	23.212	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	56452	22.922	ug/L	91
13) Acetone	4.125	43	33337	45.619	ug/L	99
14) Carbon disulfide	4.393	76	172768	22.492	ug/L	100
15) Methyl Acetate	4.667	43	26436	23.486	ug/L	99
16) Methylene chloride	4.923	84	60234	20.751	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	60920	23.276	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	95477	24.179	ug/L	100
19) 1,1-Dichloroethane	6.216	63	119950	23.673	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	67539	23.893	ug/L	98
22) 2-Butanone	7.167	43	40335	48.614	ug/L	96
23) Bromochloromethane	7.514	128	29519	23.621	ug/L	93
25) Chloroform	7.673	83	125723	24.102	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89677	24.344	ug/L	98
29) Cyclohexane	7.953	56	108467	23.820	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	109669	23.964	ug/L	99
31) Carbon tetrachloride	8.069	117	103918	24.209	ug/L	97
33) Benzene	8.319	78	258516	24.064	ug/L	100
34) Trichloroethene	9.087	95	69493	23.186	ug/L	97
35) Methylcyclohexane	9.331	83	119790	23.645	ug/L	98
37) 1,2-Dichloropropane	9.368	63	67143	24.435	ug/L	100
38) Bromodichloromethane	9.642	83	90469	24.420	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	109074	24.786	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	77641	51.189	ug/L	99
42) Toluene	10.386	91	283176	24.152	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	93123	25.065	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	49776	25.072	ug/L	99
46) Tetrachloroethene	10.861	164	57344	23.735	ug/L	96
48) 2-Hexanone	10.965	43	60618	51.020	ug/L	97
49) Dibromochloromethane	11.123	129	57167	24.314	ug/L	100
50) 1,2-Dibromoethane	11.233	107	45849	24.152	ug/L	95
51) Chlorobenzene	11.654	112	179559	24.128	ug/L	98
52) Ethylbenzene	11.727	91	330186	24.124	ug/L	98
53) m,p-Xylene	11.837	106	124320	24.137	ug/L	94
54) o-Xylene	12.160	106	116981	24.492	ug/L	96
55) Styrene	12.172	104	204533	24.931	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	56365	24.821	ug/L	100
59) Bromoform	12.349	173	33807	23.603	ug/L	100
60) Isopropylbenzene	12.458	105	332132	23.387	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42130	23.094	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	225926	23.709	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	273482	23.768	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	145811	23.014	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	146480	23.121	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	129010	23.645	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	10029	23.403	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	106254	24.076	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	86393	23.043	ug/L	96
71) Naphthalene	15.354	128	158974	24.704	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	74929	24.243	ug/L	99

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

