

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028160.D
 Acq On : 13 Mar 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Mar 14 01:22:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 13 01:09:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	265822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	136623	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	72879	22.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
7) Chloroethane-d5	2.911	69	57350	23.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	4.027	65	29654	22.879	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.520%
21) 2-Butanone-d5	7.087	46	22381	49.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.880%
24) Chloroform-d	7.654	84	146023	25.936	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.760%
26) 1,2-Dichloroethane-d4	8.306	65	67585	25.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.160%
32) Benzene-d6	8.276	84	278354	24.341	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.270	67	74192	25.111	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.440%
41) Toluene-d8	10.318	98	261292	24.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.574	79	31951	24.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.922	63	20919	50.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59437	25.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	92854	22.853	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	71770	26.427	ug/L	94
3) Chloromethane	2.228	50	66138	25.614	ug/L	100
5) Vinyl chloride	2.381	62	95124	26.435	ug/L	100
6) Bromomethane	2.801	94	67053	23.356	ug/L	95
8) Chloroethane	2.942	64	55832	24.706	ug/L	98
9) Trichlorofluoromethane	3.277	101	82563	24.599	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	90244	25.862	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	82633	25.006	ug/L	84
13) Acetone	4.130	43	28980	45.803	ug/L	98
14) Carbon disulfide	4.399	76	237505	23.595	ug/L	99
15) Methyl Acetate	4.673	43	20643	23.084	ug/L #	44
16) Methylene chloride	4.923	84	81462	22.278	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	87050	24.654	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	103835	24.012	ug/L	98
19) 1,1-Dichloroethane	6.221	63	140275	25.125	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	92439	24.877	ug/L	96
22) 2-Butanone	7.172	43	31637	44.772	ug/L	99
23) Bromochloromethane	7.514	128	43329	24.838	ug/L	97
25) Chloroform	7.678	83	158020	25.341	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	92666	24.990	ug/L	99
29) Cyclohexane	7.959	56	115213	24.459	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	141254	25.826	ug/L	99
31) Carbon tetrachloride	8.075	117	134240	26.283	ug/L	100
33) Benzene	8.325	78	333644	25.212	ug/L	100
34) Trichloroethene	9.093	95	95166	24.543	ug/L	93
35) Methylcyclohexane	9.337	83	158396	25.239	ug/L	99
37) 1,2-Dichloropropane	9.367	63	75757	24.582	ug/L	100
38) Bromodichloromethane	9.642	83	110326	24.784	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	128755	25.406	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	57788	47.210	ug/L	97
42) Toluene	10.385	91	377498	25.245	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	104571	25.400	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	61458	23.778	ug/L	99
46) Tetrachloroethene	10.861	164	79120	24.346	ug/L	87
48) 2-Hexanone	10.964	43	45527	45.999	ug/L	98
49) Dibromochloromethane	11.129	129	76103	25.329	ug/L	92
50) 1,2-Dibromoethane	11.233	107	59347	23.840	ug/L	97
51) Chlorobenzene	11.653	112	252639	25.321	ug/L	96
52) Ethylbenzene	11.727	91	428950	25.090	ug/L	99
53) m,p-Xylene	11.836	106	171181	25.807	ug/L	95
54) o-Xylene	12.159	106	161675	25.754	ug/L	94
55) Styrene	12.178	104	271902	25.397	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	67310	24.153	ug/L	99
59) Bromoform	12.348	173	41524	21.439	ug/L	91
60) Isopropylbenzene	12.458	105	452726	24.154	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45953	21.880	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	287073	23.361	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	353358	24.113	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	198434	22.908	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	196042	22.417	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	179107	22.954	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	9721	22.037	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	143625	22.468	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	119816	23.339	ug/L	94
71) Naphthalene	15.360	128	196336	23.384	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	98652	22.979	ug/L	95

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

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