

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092424\
 Data File : VW030212.D
 Acq On : 24 Sep 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Sep 25 01:13:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 24 01:15:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	347758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	309980	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151034	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94268	20.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.899	69	78260	24.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.021	65	39482	17.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.400%
21) 2-Butanone-d5	7.081	46	45335	41.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.380%
24) Chloroform-d	7.648	84	196308	20.530	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	8.307	65	100611	20.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	8.276	84	369782	20.707	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	9.270	67	111059	20.143	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.560%
41) Toluene-d8	10.325	98	340993	21.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.240%
43) trans-1,3-Dichloroprop...	10.581	79	45858	20.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.922	63	40096	47.525	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91034	22.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	110274	21.508	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72953	19.025	ug/L	99
3) Chloromethane	2.222	50	98121	27.406	ug/L	99
5) Vinyl chloride	2.375	62	130165	29.501	ug/L	97
6) Bromomethane	2.789	94	81991	31.019	ug/L	99
8) Chloroethane	2.936	64	82092	31.174	ug/L	94
9) Trichlorofluoromethane	3.265	101	118770	22.824	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	112329	23.812	ug/L	95
12) 1,1-Dichloroethene	4.045	96	107124	25.806	ug/L	84
13) Acetone	4.137	43	63701	51.058	ug/L	100
14) Carbon disulfide	4.387	76	249244	21.136	ug/L	100
15) Methyl Acetate	4.679	43	46780	23.186	ug/L	95
16) Methylene chloride	4.917	84	118258	23.062	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	112174	24.512	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	201238	27.903	ug/L	97
19) 1,1-Dichloroethane	6.222	63	226520	24.377	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	134340	26.749	ug/L	95
22) 2-Butanone	7.173	43	74043	50.136	ug/L	97
23) Bromochloromethane	7.514	128	57594	25.661	ug/L	90
25) Chloroform	7.679	83	238539	25.275	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155893	26.341	ug/L	100
29) Cyclohexane	7.953	56	168151	25.461	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	200160	26.696	ug/L	99
31) Carbon tetrachloride	8.069	117	175370	25.740	ug/L	99
33) Benzene	8.325	78	485746	25.630	ug/L	100
34) Trichloroethene	9.093	95	134810	26.350	ug/L	97
35) Methylcyclohexane	9.331	83	206397	26.168	ug/L	96
37) 1,2-Dichloropropane	9.367	63	129528	25.216	ug/L	100
38) Bromodichloromethane	9.642	83	169276	26.170	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	206047	27.419	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	143098	54.519	ug/L	97
42) Toluene	10.386	91	539496	26.827	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	171050	27.058	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	100217	26.812	ug/L	95
46) Tetrachloroethene	10.861	164	100774	26.695	ug/L	93
48) 2-Hexanone	10.965	43	111182	55.084	ug/L	97
49) Dibromochloromethane	11.129	129	112064	27.547	ug/L	96
50) 1,2-Dibromoethane	11.233	107	88892	25.792	ug/L #	96
51) Chlorobenzene	11.654	112	345908	26.630	ug/L	96
52) Ethylbenzene	11.727	91	634979	27.584	ug/L	98
53) m,p-Xylene	11.836	106	237164	27.923	ug/L	93
54) o-Xylene	12.166	106	227743	28.495	ug/L	89
55) Styrene	12.178	104	388558	28.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	117748	26.392	ug/L	98
59) Bromoform	12.342	173	64481	26.975	ug/L	97
60) Isopropylbenzene	12.458	105	654317	29.424	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81509	25.941	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	506913	31.102	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	496966	29.330	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	268294	27.223	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	280873	27.585	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	247011	27.810	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18687	27.270	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	187624	27.274	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	159522	28.627	ug/L	94
71) Naphthalene	15.354	128	316385	31.266	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	137365	28.111	ug/L	97

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

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