

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092424\
 Data File : VW030235.D
 Acq On : 24 Sep 2024 20:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Sep 25 02:30:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:17:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	251393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	235982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	114851	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	67351	20.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.899	69	58068	25.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.360%
11) 1,1-Dichloroethene-d2	4.021	65	29220	18.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.040%
21) 2-Butanone-d5	7.075	46	38336	48.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
24) Chloroform-d	7.654	84	157162	22.737	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.307	65	80485	23.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.276	84	291430	21.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.760%
36) 1,2-Dichloropropane-d6	9.276	67	92193	21.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.325	98	264059	21.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.575	79	36445	21.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.922	63	31685	49.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	72913	23.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	88060	22.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51484	18.573	ug/L	98
3) Chloromethane	2.223	50	71991	27.816	ug/L	99
5) Vinyl chloride	2.375	62	89152	27.951	ug/L	98
6) Bromomethane	2.790	94	58558	30.646	ug/L	95
8) Chloroethane	2.936	64	58847	30.913	ug/L	95
9) Trichlorofluoromethane	3.277	101	78242	20.799	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	80982	23.747	ug/L	99
12) 1,1-Dichloroethene	4.045	96	71309	23.763	ug/L	97
13) Acetone	4.119	43	40475	44.878	ug/L	97
14) Carbon disulfide	4.393	76	177365	20.806	ug/L	100
15) Methyl Acetate	4.673	43	37985	26.044	ug/L	99
16) Methylene chloride	4.923	84	91303	24.630	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	82906	25.061	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	149748	28.723	ug/L	98
19) 1,1-Dichloroethane	6.222	63	173997	25.903	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	99903	27.518	ug/L	95
22) 2-Butanone	7.173	43	52766	49.425	ug/L	100
23) Bromochloromethane	7.514	128	43916	27.067	ug/L	93
25) Chloroform	7.679	83	185421	27.177	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118784	27.764	ug/L	100
29) Cyclohexane	7.959	56	118763	23.622	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	142056	24.888	ug/L	99
31) Carbon tetrachloride	8.069	117	120668	23.265	ug/L	99
33) Benzene	8.325	78	377485	26.164	ug/L	100
34) Trichloroethene	9.093	95	98552	25.304	ug/L	94
35) Methylcyclohexane	9.337	83	139656	23.259	ug/L	99
37) 1,2-Dichloropropane	9.368	63	102279	26.155	ug/L	100
38) Bromodichloromethane	9.642	83	131747	26.755	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	156260	27.314	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	112084	56.094	ug/L	99
42) Toluene	10.386	91	411087	26.852	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	128397	26.680	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	76282	26.808	ug/L	94
46) Tetrachloroethene	10.861	164	72577	25.254	ug/L	95
48) 2-Hexanone	10.965	43	75002	48.811	ug/L	96
49) Dibromochloromethane	11.129	129	81850	26.429	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69135	26.349	ug/L	95
51) Chlorobenzene	11.660	112	266266	26.927	ug/L	90
52) Ethylbenzene	11.727	91	462610	26.398	ug/L	100
53) m,p-Xylene	11.837	106	174554	26.996	ug/L	90
54) o-Xylene	12.166	106	168902	27.760	ug/L	92
55) Styrene	12.178	104	295749	28.023	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	89892	26.467	ug/L	99
59) Bromoform	12.343	173	43168	23.749	ug/L	96
60) Isopropylbenzene	12.459	105	469800	27.782	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63361	26.518	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	379948	30.656	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	368325	28.586	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	207226	27.651	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	204094	26.360	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	189025	27.987	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13814	26.510	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	135076	25.822	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	116330	27.453	ug/L	99
71) Naphthalene	15.360	128	227874	29.614	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	101428	27.296	ug/L	99

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

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