

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : VW030124.D
 Acq On : 10 Sep 2024 10:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Sep 11 01:32:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 30 23:54:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	234302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	212982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77102	22.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
7) Chloroethane-d5	2.905	69	53982	21.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	4.015	65	32677	21.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.081	46	29241	42.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.140%
24) Chloroform-d	7.648	84	159031	25.169	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.307	65	77591	24.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.720%
32) Benzene-d6	8.276	84	315264	25.077	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	9.276	67	93708	25.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	10.319	98	290404	25.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.581	79	36618	24.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.922	63	25458	45.161	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62281	22.966	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	87596	20.990	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	65934	24.467	ug/L	97
3) Chloromethane	2.222	50	62643	19.997	ug/L	99
5) Vinyl chloride	2.375	62	82671	22.327	ug/L	99
6) Bromomethane	2.789	94	48546	21.097	ug/L	97
8) Chloroethane	2.942	64	47962	22.478	ug/L	96
9) Trichlorofluoromethane	3.271	101	64276	20.046	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	72855	23.749	ug/L	94
12) 1,1-Dichloroethene	4.039	96	68233	22.719	ug/L	95
13) Acetone	4.125	43	41272	64.921	ug/L	98
14) Carbon disulfide	4.381	76	218768	23.481	ug/L	97
15) Methyl Acetate	4.673	43	32804	26.466	ug/L	97
16) Methylene chloride	4.917	84	83907	21.678	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	82642	24.881	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	111900	22.030	ug/L	98
19) 1,1-Dichloroethane	6.216	63	173287	28.076	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	91421	24.903	ug/L	94
22) 2-Butanone	7.173	43	55073	60.540	ug/L	96
23) Bromochloromethane	7.514	128	39065	25.089	ug/L	94
25) Chloroform	7.679	83	173905	27.546	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106695	26.402	ug/L	99
29) Cyclohexane	7.953	56	136600	26.562	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	144372	28.941	ug/L	98
31) Carbon tetrachloride	8.069	117	131933	29.438	ug/L	98
33) Benzene	8.325	78	374089	27.414	ug/L	100
34) Trichloroethene	9.093	95	98547	26.820	ug/L	94
35) Methylcyclohexane	9.331	83	159369	26.482	ug/L	95
37) 1,2-Dichloropropane	9.367	63	98924	28.628	ug/L	99
38) Bromodichloromethane	9.642	83	121800	27.936	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	143600	27.000	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	92366	53.699	ug/L	96
42) Toluene	10.386	91	406253	27.956	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119605	27.791	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	66956	26.437	ug/L	97
46) Tetrachloroethene	10.861	164	73699	26.426	ug/L	85
48) 2-Hexanone	10.965	43	78265	64.005	ug/L	92
49) Dibromochloromethane	11.129	129	73374	27.266	ug/L	91
50) 1,2-Dibromoethane	11.233	107	58955	24.920	ug/L	90
51) Chlorobenzene	11.654	112	252133	27.135	ug/L	98
52) Ethylbenzene	11.727	91	461186	28.009	ug/L	99
53) m,p-Xylene	11.837	106	175626	28.581	ug/L	98
54) o-Xylene	12.166	106	160769	27.260	ug/L	95
55) Styrene	12.178	104	286206	28.964	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	75678	26.534	ug/L	98
59) Bromoform	12.349	173	42020	24.456	ug/L	94
60) Isopropylbenzene	12.458	105	467667	25.406	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53045	22.611	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	373622	27.298	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	373432	25.885	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	192934	24.586	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	194136	24.489	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	165428	23.566	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	11385	22.671	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	136997	26.740	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	107655	24.278	ug/L	93
71) Naphthalene	15.360	128	187518	22.146	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98989	25.433	ug/L	99

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

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