

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102524\
 Data File : VW030779.D
 Acq On : 25 Oct 2024 20:05
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Quant Time: Oct 26 01:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 23:19:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119542	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101272	25.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
7) Chloroethane-d5	2.899	69	88488	29.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.520%	
11) 1,1-Dichloroethene-d2	4.015	65	42581	25.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.800%	
21) 2-Butanone-d5	7.081	46	37122	52.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.580%	
24) Chloroform-d	7.648	84	202072	28.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.600%	
26) 1,2-Dichloroethane-d4	8.301	65	105499	28.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.080%	
32) Benzene-d6	8.270	84	387916	28.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 114.400%	
36) 1,2-Dichloropropane-d6	9.270	67	112355	28.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 112.880%	
41) Toluene-d8	10.319	98	356404	28.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.120%	
43) trans-1,3-Dichloroprop...	10.575	79	44796	26.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.480%	
47) 2-Hexanone-d5	10.922	63	31589	61.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.200%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84712	28.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.880%	
66) 1,2-Dichlorobenzene-d4	13.849	152	109129	26.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61612	19.215	ug/L	96
3) Chloromethane	2.223	50	83405	22.380	ug/L	99
5) Vinyl chloride	2.375	62	106952	23.336	ug/L	95
6) Bromomethane	2.790	94	79330	26.298	ug/L	98
8) Chloroethane	2.936	64	72751	25.967	ug/L	99
9) Trichlorofluoromethane	3.271	101	96822	23.610	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94012m	25.481	ug/L	
12) 1,1-Dichloroethene	4.045	96	79353	23.567	ug/L	94
13) Acetone	4.137	43	35284	33.948	ug/L	96
14) Carbon disulfide	4.393	76	211475	19.233	ug/L	100
15) Methyl Acetate	4.673	43	35115	27.350	ug/L	98
16) Methylene chloride	4.917	84	93209	24.566	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	89798	24.715	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	144511	28.418	ug/L	99
19) 1,1-Dichloroethane	6.216	63	185953	27.537	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	103964	26.826	ug/L	98
22) 2-Butanone	7.173	43	46322	41.346	ug/L	96
23) Bromochloromethane	7.514	128	45186	26.652	ug/L	89
25) Chloroform	7.679	83	204096	28.282	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128343	26.958	ug/L	100
29) Cyclohexane	7.953	56	135806	23.872	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	159785	25.755	ug/L	99
31) Carbon tetrachloride	8.069	117	140975	25.442	ug/L	97
33) Benzene	8.325	78	407098	26.768	ug/L	100
34) Trichloroethene	9.093	95	108144	25.559	ug/L	98
35) Methylcyclohexane	9.337	83	157028	23.582	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106878	28.137	ug/L	99
38) Bromodichloromethane	9.642	83	142281	28.154	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	155892	27.209	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	108320	59.360	ug/L	99
42) Toluene	10.386	91	442822	27.292	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	131682	27.351	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	77545	28.247	ug/L	96
46) Tetrachloroethene	10.861	164	80088	25.663	ug/L	96
48) 2-Hexanone	10.965	43	71241	47.740	ug/L	98
49) Dibromochloromethane	11.130	129	83511	27.263	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70275	27.434	ug/L	98
51) Chlorobenzene	11.654	112	275876	26.413	ug/L	96
52) Ethylbenzene	11.727	91	504874	27.270	ug/L	98
53) m,p-Xylene	11.837	106	186845	26.938	ug/L	91
54) o-Xylene	12.160	106	179249	27.953	ug/L	95
55) Styrene	12.178	104	313777	28.623	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	89753	28.992	ug/L	93
59) Bromoform	12.349	173	45192	26.907	ug/L	99
60) Isopropylbenzene	12.459	105	512871	27.704	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63047	27.103	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	396342	27.137	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	391804	27.399	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	206595	25.638	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	214541	25.785	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	190234	26.828	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	13640	26.298	ug/L	93
69) 1,3,5-Trichlorobenzene	14.629	180	123722	23.283	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	105831	24.740	ug/L	95
71) Naphthalene	15.360	128	205576	27.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95883	25.855	ug/L	99

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

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