

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030030.D
 Acq On : 27 Aug 2024 08:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: Aug 28 01:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:31:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319622	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280655	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	136281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	116899	24.577	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.320%		
7) Chloroethane-d5	2.905	69	81537	24.154	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.600%		
11) 1,1-Dichloroethene-d2	4.027	65	49813	24.513	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	98.040%		
21) 2-Butanone-d5	7.081	46	44352	46.778	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.560%		
24) Chloroform-d	7.648	84	207502	24.074	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.280%		
26) 1,2-Dichloroethane-d4	8.307	65	105767	24.166	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.680%		
32) Benzene-d6	8.270	84	414739	25.035	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.160%		
36) 1,2-Dichloropropane-d6	9.276	67	122384	25.215	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.880%		
41) Toluene-d8	10.325	98	376398	24.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.840%		
43) trans-1,3-Dichloroprop...	10.575	79	50673	25.381	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.520%		
47) 2-Hexanone-d5	10.922	63	38394	51.686	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.380%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91468	25.596	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.400%		
66) 1,2-Dichlorobenzene-d4	13.849	152	114172	23.162	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	82730	22.505	ug/L	100
3) Chloromethane	2.229	50	98954	23.156	ug/L	96
5) Vinyl chloride	2.375	62	121832	24.120	ug/L	97
6) Bromomethane	2.796	94	69377	22.102	ug/L	93
8) Chloroethane	2.942	64	67608	23.228	ug/L	99
9) Trichlorofluoromethane	3.271	101	98959	22.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	100005m	23.897	ug/L	
12) 1,1-Dichloroethene	4.045	96	94420	23.046	ug/L	98
13) Acetone	4.131	43	55355	63.830	ug/L	99
14) Carbon disulfide	4.387	76	306350	24.104	ug/L	100
15) Methyl Acetate	4.673	43	37568	22.219	ug/L	98
16) Methylene chloride	4.923	84	107468	20.354	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	99604	21.983	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	146848	21.193	ug/L	99
19) 1,1-Dichloroethane	6.222	63	185643	22.049	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	107670	21.500	ug/L	95
22) 2-Butanone	7.173	43	64095	51.649	ug/L	96
23) Bromochloromethane	7.520	128	45073	21.220	ug/L	98
25) Chloroform	7.679	83	186329	21.636	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120598	21.877	ug/L	99
29) Cyclohexane	7.959	56	166504	24.570	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151712	23.079	ug/L	99
31) Carbon tetrachloride	8.069	117	135493	22.942	ug/L	99
33) Benzene	8.325	78	414131	23.031	ug/L	100
34) Trichloroethene	9.093	95	109254	22.564	ug/L	96
35) Methylcyclohexane	9.337	83	188017	23.709	ug/L	97
37) 1,2-Dichloropropane	9.368	63	105840	23.244	ug/L	99
38) Bromodichloromethane	9.642	83	128385	22.346	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	161608	23.059	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107620	47.480	ug/L	98
42) Toluene	10.386	91	440287	22.992	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	131507	23.189	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	74541	22.335	ug/L	96
46) Tetrachloroethene	10.861	164	85030	23.138	ug/L	97
48) 2-Hexanone	10.965	43	90689	56.282	ug/L	93
49) Dibromochloromethane	11.130	129	81232	22.907	ug/L	96
50) 1,2-Dibromoethane	11.233	107	69886	22.417	ug/L	96
51) Chlorobenzene	11.654	112	268596	21.937	ug/L	97
52) Ethylbenzene	11.727	91	490865	22.623	ug/L	96
53) m,p-Xylene	11.837	106	185429	22.900	ug/L	99
54) o-Xylene	12.160	106	176144	22.665	ug/L	97
55) Styrene	12.178	104	299403	22.993	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	84540	22.494	ug/L	99
59) Bromoform	12.349	173	44159	21.759	ug/L	97
60) Isopropylbenzene	12.459	105	491818	22.620	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60672	21.895	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	392050	24.251	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	377563	22.158	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	205906	22.215	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	206229	22.025	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	181908	21.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	12883	21.719	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	133602	22.078	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	117425	22.420	ug/L	97
71) Naphthalene	15.361	128	209551	20.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	94204	20.491	ug/L	99

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

