

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031066.D
 Acq On : 20 Nov 2024 11:03
 Operator : SY/MD
 Sample : VSTD2.521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5421

Quant Time: Nov 21 03:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/22/2024
 Supervised By :Semsettin Yesilyurt 11/22/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	430776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	13312	2.535	ug/L	0.00
7) Chloroethane-d5	2.893	69	10187	2.458	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	6209m	2.393	ug/L	0.00
21) 2-Butanone-d5	7.087	46	5227m	4.323	ug/L	0.01
24) Chloroform-d	7.648	84	27528	2.352	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	12968	2.268	ug/L	0.00
32) Benzene-d6	8.270	84	51174	2.268	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	15924	2.393	ug/L	0.00
41) Toluene-d8	10.319	98	42823	2.083	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5678	2.050	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3266	3.415	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	11770	2.322	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	16083	2.349	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	7084	1.387	ug/L	96
3) Chloromethane	2.247	50	8462	1.346	ug/L	92
5) Vinyl chloride	2.375	62	10052	1.553	ug/L	94
6) Bromomethane	2.783	94	7437	1.645	ug/L	97
8) Chloroethane	2.930	64	6957	1.792	ug/L	97
9) Trichlorofluoromethane	3.265	101	16972	1.895	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	13981m	2.306	ug/L	
12) 1,1-Dichloroethene	4.039	96	10044m	1.704	ug/L	
13) Acetone	4.125	43	6814	4.305	ug/L	77
14) Carbon disulfide	4.381	76	17275	0.903	ug/L	99
15) Methyl Acetate	4.679	43	5846	2.780	ug/L #	76
17) trans-1,2-Dichloroethene	5.429	96	10812	1.688	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	18358	1.990	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	24007	2.139	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	12604	1.866	ug/L	93
22) 2-Butanone	7.173	43	7503	3.865	ug/L	88
23) Bromochloromethane	7.520	128	6051	1.999	ug/L #	80
25) Chloroform	7.673	83	26111	2.226	ug/L	99
27) 1,2-Dichloroethane	8.404	62	15202	2.175	ug/L	99
29) Cyclohexane	7.953	56	12381	1.328	ug/L #	89
30) 1,1,1-Trichloroethane	7.874	97	21129	2.186	ug/L	98
31) Carbon tetrachloride	8.069	117	18214	2.072	ug/L	100
33) Benzene	8.319	78	48421	1.898	ug/L	100
34) Trichloroethene	9.093	95	14073	2.037	ug/L	93
35) Methylcyclohexane	9.331	83	16393	1.476	ug/L	95
37) 1,2-Dichloropropane	9.368	63	12914	2.031	ug/L #	94
38) Bromodichloromethane	9.642	83	17669	2.208	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	17534	1.829	ug/L	94
40) 4-Methyl-2-pentanone	10.203	43	11829	3.953	ug/L	97
42) Toluene	10.386	91	49770	1.848	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	14717	1.902	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	10645	2.301	ug/L	91

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46) Tetrachloroethene	10.855	164	10301	1.864	ug/L	90
48) 2-Hexanone	10.965	43	8353	3.531	ug/L	91
49) Dibromochloromethane	11.123	129	11456	2.227	ug/L	94
50) 1,2-Dibromoethane	11.233	107	9026	2.051	ug/L #	99
51) Chlorobenzene	11.654	112	38785	2.202	ug/L	98
52) Ethylbenzene	11.727	91	58885	1.950	ug/L	99
53) m,p-Xylene	11.837	106	22294	1.934	ug/L	93
54) o-Xylene	12.160	106	19822	1.830	ug/L	93
55) Styrene	12.178	104	32678	1.773	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	12757	2.473	ug/L	92
59) Bromoform	12.349	173	6537	2.230	ug/L	92
60) Isopropylbenzene	12.458	105	55182	1.934	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	9241	2.577	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	40947	1.819	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	40874	1.841	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	29999	2.305	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	33731	2.491	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	27109	2.323	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	1772	2.261	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	21326	2.397	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	16937	2.380	ug/L	97
71) Naphthalene	15.354	128	23875	1.985	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	14770	2.332	ug/L	96

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

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