

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031072.D
 Acq On : 20 Nov 2024 15:42
 Operator : SY/MD
 Sample : VSTD2.526
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5426

Quant Time: Nov 21 03:52:19 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	8.837	114	371878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	353107	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	170311	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	11231	2.477	ug/L	0.00
7) Chloroethane-d5	2.893	69	9357	2.615	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.009	65	5889	2.629	ug/L	0.00
21) 2-Butanone-d5	7.124	46	4664m	4.468	ug/L	0.05
24) Chloroform-d	7.648	84	26033	2.577	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	12488	2.530	ug/L	0.00
32) Benzene-d6	8.270	84	46547	2.328	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	14597	2.476	ug/L	0.00
41) Toluene-d8	10.319	98	41395	2.272	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5315	2.165	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3262	3.849	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10765	2.397	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	15866	2.666	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	12597	2.857	ug/L #	86
3) Chloromethane	2.228	50	17631	3.249	ug/L	94
5) Vinyl chloride	2.363	62	15250	2.729	ug/L	98
6) Bromomethane	2.789	94	10935	2.802	ug/L	97
8) Chloroethane	2.936	64	9422	2.811	ug/L	88
9) Trichlorofluoromethane	3.259	101	23042	2.981	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	14162	2.705	ug/L #	59
12) 1,1-Dichloroethene	4.039	96	13459	2.645	ug/L	98
13) Acetone	4.185	43	10372m	7.590	ug/L	
14) Carbon disulfide	4.381	76	43627	2.641	ug/L	95
15) Methyl Acetate	4.698	43	5621m	3.097	ug/L	
16) Methylene chloride	4.917	84	14853	2.790	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	14711	2.661	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	19994	2.510	ug/L #	77
19) 1,1-Dichloroethane	6.216	63	26352	2.720	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	14814	2.540	ug/L	95
22) 2-Butanone	7.197	43	9269m	5.531	ug/L	
23) Bromochloromethane	7.508	128	6951	2.660	ug/L	88
25) Chloroform	7.673	83	27385	2.705	ug/L	90
27) 1,2-Dichloroethane	8.398	62	15894	2.634	ug/L #	93
29) Cyclohexane	7.953	56	19496	2.361	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	22754	2.657	ug/L	99
31) Carbon tetrachloride	8.069	117	19892	2.554	ug/L	98
33) Benzene	8.319	78	58410	2.584	ug/L	100
34) Trichloroethene	9.087	95	16244	2.653	ug/L	94
35) Methylcyclohexane	9.331	83	24097	2.449	ug/L	98
37) 1,2-Dichloropropane	9.367	63	14809	2.628	ug/L #	93
38) Bromodichloromethane	9.642	83	18152	2.559	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	20184	2.376	ug/L	100
40) 4-Methyl-2-pentanone	10.215	43	11631	4.386	ug/L	96
42) Toluene	10.386	91	60481	2.534	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	15528	2.264	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	10206	2.490	ug/L	97
46) Tetrachloroethene	10.855	164	13563	2.770	ug/L	93
48) 2-Hexanone	10.971	43	7461	3.559	ug/L	97
49) Dibromochloromethane	11.129	129	11504	2.524	ug/L	99
50) 1,2-Dibromoethane	11.233	107	9674	2.480	ug/L	81
51) Chlorobenzene	11.654	112	41410	2.653	ug/L	96
52) Ethylbenzene	11.727	91	66308	2.478	ug/L	98
53) m,p-Xylene	11.837	106	24415	2.390	ug/L	97
54) o-Xylene	12.160	106	23074	2.404	ug/L	96
55) Styrene	12.178	104	37759	2.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	11534	2.523	ug/L	96
59) Bromoform	12.343	173	6248	2.451	ug/L	92
60) Isopropylbenzene	12.458	105	61010	2.459	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	8153	2.615	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	45810	2.340	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	44434	2.301	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	30137	2.663	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	32964	2.799	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	26797	2.642	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	1797	2.637	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	21056	2.722	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	15737	2.544	ug/L	98
71) Naphthalene	15.360	128	22723	2.172	ug/L	97
72) 1,2,3-Trichlorobenzene	15.555	180	14270	2.591	ug/L	89

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

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