

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031452.D
 Acq On : 21 Dec 2024 01:51
 Operator : SY/MD
 Sample : P5331-02MS
 Misc : 5.62g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2AQ1MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 21 02:58:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	601637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	459774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	165080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	187849	20.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.893	69	152876	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	4.015	65	77102	17.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.840%
21) 2-Butanone-d5	7.094	46	52540	30.819	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.640%
24) Chloroform-d	7.648	84	330120	20.026	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.120%
26) 1,2-Dichloroethane-d4	8.307	65	193771	23.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	8.270	84	614183	20.842	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.360%
36) 1,2-Dichloropropane-d6	9.270	67	197440	22.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.319	98	492649	17.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.880%
43) trans-1,3-Dichloroprop...	10.575	79	57156	14.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.720%
47) 2-Hexanone-d5	10.922	63	39972	34.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144045	26.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	116675	19.038	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	76397	14.050	ug/L	98
3) Chloromethane	2.216	50	89022	14.574	ug/L	97
5) Vinyl chloride	2.369	62	138008	16.303	ug/L	97
6) Bromomethane	2.790	94	62169	11.945	ug/L	98
8) Chloroethane	2.936	64	93179	18.509	ug/L	97
9) Trichlorofluoromethane	3.259	101	134007	14.860	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	105874	14.539	ug/L	94
12) 1,1-Dichloroethene	4.039	96	104915	14.225	ug/L	93
13) Acetone	4.173	43	66482	28.002	ug/L #	100
14) Carbon disulfide	4.381	76	224315	9.325	ug/L	100
15) Methyl Acetate	4.686	43	27486m	10.193	ug/L	
16) Methylene chloride	4.917	84	137274	18.134	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	114301	14.377	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	279741	21.047	ug/L	99
19) 1,1-Dichloroethane	6.216	63	244277	16.442	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	137581	15.995	ug/L	99
22) 2-Butanone	7.185	43	95658	33.253	ug/L	95
23) Bromochloromethane	7.514	128	66811	19.475	ug/L	94
25) Chloroform	7.673	83	252683	17.233	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	182742	19.824	ug/L	100
29) Cyclohexane	7.953	56	149088	11.957	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	179038	15.066	ug/L	98
31) Carbon tetrachloride	8.063	117	136664	12.908	ug/L	99
33) Benzene	8.325	78	480262	16.903	ug/L	100
34) Trichloroethene	9.087	95	115657	14.418	ug/L	92
35) Methylcyclohexane	9.331	83	140826	10.081	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136972	19.324	ug/L	100
38) Bromodichloromethane	9.642	83	159911	17.354	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	149034	12.443	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	164750	43.810	ug/L	98
42) Toluene	10.386	91	453021	14.645	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	131407	13.436	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	107356	22.771	ug/L	97
46) Tetrachloroethene	10.861	164	64803	11.029	ug/L	94
48) 2-Hexanone	10.965	43	115629	36.153	ug/L	94
49) Dibromochloromethane	11.123	129	95602	17.107	ug/L	98
50) 1,2-Dibromoethane	11.233	107	89248	19.983	ug/L	97
51) Chlorobenzene	11.654	112	269211	13.880	ug/L	99
52) Ethylbenzene	11.727	91	420924	11.741	ug/L	99
53) m,p-Xylene	11.837	106	160524	11.761	ug/L	97
54) o-Xylene	12.160	106	168508	13.100	ug/L	96
55) Styrene	12.178	104	272978	12.758	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	117951	23.208	ug/L	97
59) Bromoform	12.343	173	47541	20.500	ug/L	97
60) Isopropylbenzene	12.459	105	347871	12.877	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90363	31.989	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	287940	12.572	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	293415	13.255	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	153974	14.068	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	161277	14.872	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	148954	15.795	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	16946	23.640	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	72245	9.425	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	64719	10.149	ug/L	94
71) Naphthalene	15.354	128	183703	16.432	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	54300	10.569	ug/L	97

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

