

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031495.D
 Acq On : 22 Dec 2024 07:14
 Operator : SY/MD
 Sample : P5322-04MSD
 Misc : 2.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE5X6MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024
 Supervised By :Semsettin Yesilyurt 12/26/2024

Quant Time: Dec 23 02:17:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	543962	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	243252	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167669	20.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.960%		
7) Chloroethane-d5	2.899	69	141019	23.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.160%		
11) 1,1-Dichloroethene-d2	4.027	65	71128	18.321	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.280%		
21) 2-Butanone-d5	7.106	46	72552	47.070	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.140%		
24) Chloroform-d	7.648	84	330775	22.194	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.760%		
26) 1,2-Dichloroethane-d4	8.307	65	175774	23.483	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.920%		
32) Benzene-d6	8.276	84	647058	20.640	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.560%		
36) 1,2-Dichloropropane-d6	9.276	67	195898	21.440	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.760%		
41) Toluene-d8	10.319	98	594252	20.376	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.520%		
43) trans-1,3-Dichloroprop...	10.575	79	73715	17.497	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.000%		
47) 2-Hexanone-d5	10.928	63	56731	46.170	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.340%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148766	25.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.720%		
66) 1,2-Dichlorobenzene-d4	13.848	152	200584	22.212	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	95161	19.357	ug/L	92
3) Chloromethane	2.222	50	120780	21.869	ug/L	98
5) Vinyl chloride	2.375	62	185343	24.216	ug/L	98
6) Bromomethane	2.796	94	122003	25.928	ug/L	98
8) Chloroethane	2.936	64	122374	26.885	ug/L	100
9) Trichlorofluoromethane	3.271	101	186434	22.865	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	144504	21.947	ug/L	95
12) 1,1-Dichloroethene	4.051	96	144735m	21.704	ug/L	
13) Acetone	4.198	43	62696m	29.207	ug/L	
14) Carbon disulfide	4.393	76	375105	17.248	ug/L	100
15) Methyl Acetate	4.704	43	54474	22.343	ug/L	99
16) Methylene chloride	4.923	84	158326	23.133	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	157452	21.904	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	284927	23.710	ug/L	98
19) 1,1-Dichloroethane	6.222	63	308852	22.993	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	184347	23.704	ug/L	99
22) 2-Butanone	7.203	43	80874	31.094	ug/L	97
23) Bromochloromethane	7.520	128	77728	25.060	ug/L	89
25) Chloroform	7.673	83	319533	24.103	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	204703	24.561	ug/L	99
29) Cyclohexane	7.959	56	241251	18.187	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	258529	20.449	ug/L	98
31) Carbon tetrachloride	8.069	117	215844	19.164	ug/L	99
33) Benzene	8.325	78	681908	22.560	ug/L	100
34) Trichloroethene	9.093	95	184826	21.658	ug/L	92
35) Methylcyclohexane	9.331	83	286995	19.311	ug/L	98
37) 1,2-Dichloropropane	9.368	63	175885	23.325	ug/L	99
38) Bromodichloromethane	9.648	83	214257	21.856	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	261806	20.546	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	170425	42.600	ug/L	98
42) Toluene	10.386	91	765226	23.253	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	210535	20.235	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	124429	24.808	ug/L	98
46) Tetrachloroethene	10.861	164	137471	21.992	ug/L	89
48) 2-Hexanone	10.971	43	116991	34.384	ug/L	99
49) Dibromochloromethane	11.123	129	129120	21.718	ug/L	90
50) 1,2-Dibromoethane	11.233	107	115064	24.217	ug/L	99
51) Chlorobenzene	11.654	112	494907	23.985	ug/L	94
52) Ethylbenzene	11.727	91	886074	23.232	ug/L	99
53) m,p-Xylene	11.837	106	334300	23.024	ug/L	98
54) o-Xylene	12.166	106	323702	23.655	ug/L	100
55) Styrene	12.178	104	543375	23.872	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	142330	26.324	ug/L	100
59) Bromoform	12.349	173	67784	19.836	ug/L	100
60) Isopropylbenzene	12.458	105	882685	22.174	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	101847	24.468	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	742063	21.988	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	725491	22.241	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	382431	23.712	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	381278	23.860	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	337325	24.274	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	20152	19.078	ug/L	93
69) 1,3,5-Trichlorobenzene	14.629	180	254584	22.538	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	213773	22.751	ug/L	96
71) Naphthalene	15.360	128	393787	23.904	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	187136	24.719	ug/L	98

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

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