

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030624\
 Data File : VW028111.D
 Acq On : 06 Mar 2024 11:37
 Operator : SY/MD
 Sample : P1677-02MS
 Misc : 9.49g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E06X7MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:16:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287241	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123738	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	97368	24.190	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.760%			
7) Chloroethane-d5	2.899	69	84114	26.976	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.920%			
11) 1,1-Dichloroethene-d2	4.027	65	39641	24.111	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.440%			
21) 2-Butanone-d5	7.075	46	41556	72.374	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.740%#			
24) Chloroform-d	7.648	84	192688	26.980	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.920%			
26) 1,2-Dichloroethane-d4	8.307	65	96307	28.975	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.920%			
32) Benzene-d6	8.276	84	379542	28.305	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.200%			
36) 1,2-Dichloropropane-d6	9.270	67	102757	29.660	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.640%			
41) Toluene-d8	10.319	98	349740	27.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.720%			
43) trans-1,3-Dichloroprop...	10.575	79	47497	31.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 125.120%			
47) 2-Hexanone-d5	10.922	63	40498	82.990	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 165.980%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92925	33.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 135.920%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	101240	27.511	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	73226	21.256	ug/L	92
3) Chloromethane	2.223	50	71425	21.806	ug/L	99
5) Vinyl chloride	2.381	62	95558	20.935	ug/L	100
6) Bromomethane	2.789	94	70700	19.414	ug/L	99
8) Chloroethane	2.936	64	62359	21.753	ug/L	96
9) Trichlorofluoromethane	3.265	101	83155	19.531	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	94717m	21.399	ug/L	
12) 1,1-Dichloroethene	4.051	96	89056m	21.246	ug/L	
13) Acetone	4.119	43	34639	43.160	ug/L	97
14) Carbon disulfide	4.399	76	256802	20.112	ug/L	99
15) Methyl Acetate	4.667	43	30997	27.325	ug/L	98
16) Methylene chloride	4.923	84	87271	18.815	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	94945	21.198	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	132705	24.193	ug/L	100
19) 1,1-Dichloroethane	6.216	63	153038	21.610	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	101995	21.639	ug/L	95
22) 2-Butanone	7.173	43	45047	50.257	ug/L	98
23) Bromochloromethane	7.514	128	48949	22.121	ug/L	99
25) Chloroform	7.679	83	173238	21.901	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	110438	23.479	ug/L	99
29) Cyclohexane	7.959	56	115835	20.971	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	144190	22.483	ug/L	100
31) Carbon tetrachloride	8.069	117	134084	22.389	ug/L	99
33) Benzene	8.325	78	366158	23.596	ug/L	100
34) Trichloroethene	9.087	95	99493	21.882	ug/L	96
35) Methylcyclohexane	9.337	83	125087	16.998	ug/L	99
37) 1,2-Dichloropropane	9.368	63	84880	23.488	ug/L	100
38) Bromodichloromethane	9.642	83	124146	23.784	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	146616	24.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	87325	60.840	ug/L	99
42) Toluene	10.386	91	403178	22.994	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	122043	25.280	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75712	24.982	ug/L	96
46) Tetrachloroethene	10.855	164	78121	20.501	ug/L	87
48) 2-Hexanone	10.965	43	66278	57.109	ug/L	99
49) Dibromochloromethane	11.123	129	85310	24.214	ug/L	96
50) 1,2-Dibromoethane	11.233	107	72753	24.924	ug/L	94
51) Chlorobenzene	11.654	112	252529	21.584	ug/L	97
52) Ethylbenzene	11.727	91	418344	20.868	ug/L	99
53) m,p-Xylene	11.837	106	167670	21.557	ug/L	99
54) o-Xylene	12.166	106	159701	21.695	ug/L	98
55) Styrene	12.178	104	274660	21.878	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	87318	26.720	ug/L	94
59) Bromoform	12.343	173	50303	28.676	ug/L	99
60) Isopropylbenzene	12.458	105	389595	22.950	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61772	32.475	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	245030	22.016	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	306190	23.070	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	164060	20.912	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	165196	20.857	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	148110	20.958	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	13776	34.482	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	77504	13.387	ug/L	92
70) 1,2,4-trichlorobenzene	15.123	180	65133	14.008	ug/L	95
71) Naphthalene	15.360	128	191628	25.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	55754	14.339	ug/L	96

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

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