Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
Data File : VW024969.D
Acq On : 24 Oct 2022 16:43
Operator : SY/VA
Sample : N5258-04MSD
Misc : 7.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

Quant Time: Oct 27 02:14:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 02:12:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	447322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	409850	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	98598	18.683	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.720%			
7) Chloroethane-d5	2.879	69	62923	20.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.440%			
11) 1,1-Dichloroethene-d2	4.019	63	241910	21.083	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.320%			
21) 2-Butanone-d5	7.080	46	132297	79.119	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.240%#			
24) Chloroform-d	7.653	84	277376	21.984	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.920%			
26) 1,2-Dichloroethane-d4	8.305	65	160142	24.252	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.000%			
32) Benzene-d6	8.275	84	542792	21.120	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.480%			
36) 1,2-Dichloropropane-d6	9.274	67	178463	22.640	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.560%			
41) Toluene-d8	10.323	98	489301	21.212	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.840%			
43) trans-1,3-Dichloroprop...	10.579	79	79181	26.485	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.960%			
47) 2-Hexanone-d5	10.920	63	108878	82.383	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 164.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	191691	31.182	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 124.720%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	163126	23.002	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	43531	21.751	ug/L	99
3) Chloromethane	2.215	50	112581	24.153	ug/L	98
5) Vinyl chloride	2.361	62	165547	26.032	ug/L	95
6) Bromomethane	2.769	94	79566	25.761	ug/L	96
8) Chloroethane	2.916	64	69133	26.091	ug/L	97
9) Trichlorofluoromethane	3.251	101	75257	23.924	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	163630	25.549	ug/L	98
12) 1,1-Dichloroethene	4.044	96	155128	25.597	ug/L	84
13) Acetone	4.129	43	93420	79.839	ug/L	100
14) Carbon disulfide	4.385	76	496802	25.097	ug/L	99
15) Methyl Acetate	4.672	43	112907	39.649	ug/L	100
16) Methylene chloride	4.915	84	187785	23.776	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	172191	26.102	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	326876	33.345	ug/L	99
19) 1,1-Dichloroethane	6.214	63	320299	26.244	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	255441	35.829	ug/L	99
22) 2-Butanone	7.171	43	155594	79.710	ug/L	99
23) Bromochloromethane	7.519	128	86163	29.547	ug/L	94
25) Chloroform	7.677	83	314810	26.279	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Oct 27 02:12:22 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	228890	29.548	ug/L		100
29) Cyclohexane	7.951	56	298672	25.093	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	248407	26.355	ug/L		99
31) Carbon tetrachloride	8.067	117	216063	26.108	ug/L		97
33) Benzene	8.323	78	732723	26.278	ug/L		100
34) Trichloroethene	9.091	95	306864	43.701	ug/L		98
35) Methylcyclohexane	9.335	83	304114	24.064	ug/L		98
37) 1,2-Dichloropropane	9.366	63	188926	27.188	ug/L		100
38) Bromodichloromethane	9.646	83	241264	28.100	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	296260	29.496	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	346506	84.367	ug/L		99
42) Toluene	10.384	91	783060	27.391	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	269771	32.350	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	157439	32.437	ug/L		98
46) Tetrachloroethene	10.859	164	2105059	440.889	ug/L		92
48) 2-Hexanone	10.969	43	243585	87.473	ug/L		98
49) Dibromochloromethane	11.128	129	166759	31.036	ug/L		99
50) 1,2-Dibromoethane	11.237	107	149902	32.784	ug/L	#	100
51) Chlorobenzene	11.658	112	473402	26.347	ug/L		94
52) Ethylbenzene	11.731	91	847430	26.472	ug/L		97
53) m,p-Xylene	11.841	106	315020	25.901	ug/L		99
54) o-Xylene	12.164	106	304819	26.322	ug/L		98
55) Styrene	12.176	104	529019	26.634	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	213959	36.131	ug/L		98
59) Bromoform	12.347	173	96059	36.991	ug/L	#	98
60) Isopropylbenzene	12.463	105	785806	25.102	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	162804	38.153	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	675661	25.139	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	677653	26.150	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	322608	25.305	ug/L		95
65) 1,4-Dichlorobenzene	13.578	146	328745	25.474	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	308132	27.191	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	39431	42.513	ug/L		92
69) 1,3,5-Trichlorobenzene	14.621	180	183167	22.005	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	154590	22.890	ug/L		99
71) Naphthalene	15.359	128	538452	36.797	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	140535	24.380	ug/L		97

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

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