Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
Data File : VW024968.D
Acq On : 24 Oct 2022 16:19
Operator : SY/VA
Sample : N5258-03MS
Misc : 6.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GBLN3MS

Quant Time: Oct 27 02:14:02 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	8.842	114	463204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	420939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210491	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112089	20.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.040%			
7) Chloroethane-d5	2.891	69	74874	23.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.600%			
11) 1,1-Dichloroethene-d2	4.032	63	274642	23.115	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.440%			
21) 2-Butanone-d5	7.074	46	136948	79.092	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.180%#			
24) Chloroform-d	7.647	84	304987	23.344	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.360%			
26) 1,2-Dichloroethane-d4	8.305	65	173807	25.419	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.680%			
32) Benzene-d6	8.275	84	595082	22.544	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.160%			
36) 1,2-Dichloropropane-d6	9.274	67	192455	23.772	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.080%			
41) Toluene-d8	10.323	98	538759	22.740	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.960%			
43) trans-1,3-Dichloroprop...	10.579	79	86477	28.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 112.640%			
47) 2-Hexanone-d5	10.921	63	112843	83.134	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 166.260%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	208178	32.972	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.880%#			
66) 1,2-Dichlorobenzene-d4	13.847	152	177443	23.068	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	54334	26.218	ug/L	98
3) Chloromethane	2.221	50	126052	26.116	ug/L	98
5) Vinyl chloride	2.367	62	189948	28.845	ug/L	95
6) Bromomethane	2.782	94	89433	27.962	ug/L	99
8) Chloroethane	2.928	64	81525	29.713	ug/L	100
9) Trichlorofluoromethane	3.257	101	89103	27.355	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	179245	27.027	ug/L	95
12) 1,1-Dichloroethene	4.044	96	171216	27.283	ug/L	91
13) Acetone	4.123	43	110550	91.239	ug/L	98
14) Carbon disulfide	4.391	76	550620	26.862	ug/L	100
15) Methyl Acetate	4.672	43	117800	39.949	ug/L	99
16) Methylene chloride	4.915	84	194042	23.726	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	187661	27.472	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	360562	35.520	ug/L	99
19) 1,1-Dichloroethane	6.214	63	349761	27.676	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	293097	39.701	ug/L	98
22) 2-Butanone	7.171	43	165578	81.916	ug/L	100
23) Bromochloromethane	7.519	128	91204	30.203	ug/L	96
25) Chloroform	7.677	83	346429	27.927	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	248006	30.918	ug/L		99
29) Cyclohexane	7.958	56	332802	27.223	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	273965	28.300	ug/L		99
31) Carbon tetrachloride	8.073	117	239216	28.144	ug/L		98
33) Benzene	8.323	78	806399	28.159	ug/L		100
34) Trichloroethene	9.092	95	344683	47.793	ug/L		97
35) Methylcyclohexane	9.335	83	345806	26.642	ug/L		98
37) 1,2-Dichloropropane	9.366	63	206403	28.921	ug/L		100
38) Bromodichloromethane	9.646	83	261475	29.652	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	323158	31.326	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	362582	85.956	ug/L		99
42) Toluene	10.384	91	839352	28.587	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	291762	34.066	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	166763	33.452	ug/L		97
46) Tetrachloroethene	10.860	164	2171121	442.746	ug/L		93
48) 2-Hexanone	10.969	43	253082	88.489	ug/L		99
49) Dibromochloromethane	11.128	129	179545	32.535	ug/L		97
50) 1,2-Dibromoethane	11.231	107	160881	34.258	ug/L		96
51) Chlorobenzene	11.658	112	512101	27.750	ug/L		96
52) Ethylbenzene	11.725	91	919071	27.953	ug/L		95
53) m,p-Xylene	11.835	106	349150	27.951	ug/L		98
54) o-Xylene	12.164	106	337903	28.410	ug/L		99
55) Styrene	12.176	104	579927	28.428	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	229389	37.716	ug/L	#	98
59) Bromoform	12.347	173	103474	36.738	ug/L	#	98
60) Isopropylbenzene	12.463	105	883853	26.031	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	171753	37.110	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	757844	25.997	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	761066	27.077	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	351139	25.393	ug/L		94
65) 1,4-Dichlorobenzene	13.572	146	362461	25.895	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	333083	27.100	ug/L		89
68) 1,2-Dibromo-3-chloropr...	14.481	75	40033	39.794	ug/L		94
69) 1,3,5-Trichlorobenzene	14.627	180	212620	23.550	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	171624	23.429	ug/L		99
71) Naphthalene	15.359	128	565091	35.604	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	150921	24.138	ug/L		96

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

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