Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
Data File : VW024040.D
Acq On : 23 Jul 2022 08:39
Operator : SY/VA
Sample : N3790-09MS
Misc : 4.59g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBUK4MS

Quant Time: Jul 24 00:40:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 23 06:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	247355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	137758	21.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.440%			
7) Chloroethane-d5	2.873	69	93360	21.701	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	4.013	63	114545	21.813	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.240%			
21) 2-Butanone-d5	7.080	46	59891	59.875	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.760%			
24) Chloroform-d	7.647	84	187504	25.507	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.040%			
26) 1,2-Dichloroethane-d4	8.305	65	108919	24.226	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.920%			
32) Benzene-d6	8.275	84	332694	25.874	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.480%			
36) 1,2-Dichloropropane-d6	9.275	67	104655	27.021	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.080%			
41) Toluene-d8	10.323	98	322583	24.733	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.920%			
43) trans-1,3-Dichloroprop...	10.579	79	46216	25.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.840%			
47) 2-Hexanone-d5	10.921	63	53480	65.664	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.320%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	128995	30.137	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.560%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	119382	25.997	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	33458	19.500	ug/L	98
3) Chloromethane	2.209	50	94643	22.524	ug/L	98
5) Vinyl chloride	2.349	62	165348	22.917	ug/L	97
6) Bromomethane	2.763	94	84704	18.150	ug/L	96
8) Chloroethane	2.910	64	70952	21.019	ug/L	100
9) Trichlorofluoromethane	3.245	101	84138	25.654	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	72992	22.741	ug/L	97
12) 1,1-Dichloroethene	4.032	96	58992	22.041	ug/L	88
13) Acetone	4.123	43	35635	50.389	ug/L	98
14) Carbon disulfide	4.373	76	145087	18.428	ug/L	97
15) Methyl Acetate	4.672	43	34673	21.906	ug/L	99
16) Methylene chloride	4.909	84	85471	21.648	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	72425	22.303	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	123696	24.621	ug/L	99
19) 1,1-Dichloroethane	6.208	63	146138	24.397	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	87077	24.204	ug/L #	88
22) 2-Butanone	7.171	43	59812	51.465	ug/L	98
23) Bromochloromethane	7.507	128	41403	23.957	ug/L	96
25) Chloroform	7.677	83	170677	24.733	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121407	23.904	ug/L		99
29) Cyclohexane	7.952	56	100029	22.111	ug/L		97
30) 1,1,1-Trichloroethane	7.872	97	135735	25.344	ug/L		97
31) Carbon tetrachloride	8.067	117	122915	25.459	ug/L		100
33) Benzene	8.323	78	352516	25.078	ug/L		100
34) Trichloroethene	9.092	95	89150	24.018	ug/L		94
35) Methylcyclohexane	9.335	83	113719	20.119	ug/L		98
37) 1,2-Dichloropropane	9.366	63	92185	26.159	ug/L		98
38) Bromodichloromethane	9.640	83	132761	26.993	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	131656	24.787	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	137920	56.242	ug/L		98
42) Toluene	10.384	91	411996	25.700	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	130258	25.801	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	82015	26.616	ug/L		95
46) Tetrachloroethene	10.860	164	68629	23.911	ug/L		97
48) 2-Hexanone	10.969	43	105896	59.311	ug/L		100
49) Dibromochloromethane	11.128	129	99881	27.951	ug/L		96
50) 1,2-Dibromoethane	11.231	107	76653	25.893	ug/L	#	96
51) Chlorobenzene	11.652	112	266919	24.688	ug/L		98
52) Ethylbenzene	11.731	91	450610	24.736	ug/L		99
53) m,p-Xylene	11.835	106	176297	24.805	ug/L		95
54) o-Xylene	12.164	106	175634	25.731	ug/L		99
55) Styrene	12.176	104	312979	25.955	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	115177	27.403	ug/L		99
59) Bromoform	12.347	173	56344	29.704	ug/L	#	97
60) Isopropylbenzene	12.463	105	452610	26.192	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	81197	28.786	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	359553	25.415	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	364924	25.799	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	197683	25.196	ug/L		97
65) 1,4-Dichlorobenzene	13.573	146	201341	24.121	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	191903	25.935	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17531	26.947	ug/L	#	77
69) 1,3,5-Trichlorobenzene	14.627	180	103916	20.010	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	76438	19.062	ug/L		98
71) Naphthalene	15.365	128	200744	23.337	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	71491	19.127	ug/L		98

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

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