Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050138.D
Acq On : 3 Sep 2021 19:38
Operator : CG/JU
Sample : M3549-02MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7A1MS

Manual Integrations APPROVED
mohammad
9/7/2021 11:33:53 AM

Quant Time: Sep 03 23:47:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	28855	20.000	ng/ul	0.00
20) Naphthalene-d8	10.765	136	113592	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.613	164	75412	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	158693	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	161725	20.000	ng/ul	0.00
88) Perylene-d12	24.858	264	164747	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3021	5.399	ng/uL	0.00
4) Pyridine-d5	3.745	84	20429	12.121	ng/ul	0.00
7) Phenol-d5	7.123	99	21824	8.907	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	44362	32.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	47945	26.151	ng/ul	0.00
15) 4-Methylphenol-d8	8.680	113	36753	19.046	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	31013	35.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	33977	32.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	60086	32.126	ng/ul	0.00
31) 4-Chloroaniline-d4	10.906	131	68102	26.751	ng/ul	-0.01
46) Dimethylphthalate-d6	14.014	166	204517	35.436	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	238605	35.260	ng/ul	0.00
54) 4-Nitrophenol-d4	14.854	143	6835m	8.186	ng/ul	0.00
60) Fluorene-d10	15.606	176	171175	34.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	32856	32.182	ng/ul	0.00
73) Anthracene-d10	17.468	188	266509	37.399	ng/ul	0.00
81) Pyrene-d10	19.759	212	321013	36.731	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.641	264	316741	36.239	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	4348	6.374	ng/uL	94
5) Pyridine	3.763	79	26179	14.371	ng/ul	85
6) Benzaldehyde	7.082	77	60049	42.587	ng/ul	94
8) Phenol	7.152	94	26129	10.558	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.364	93	64460	37.729	ng/ul	97
12) 2-Chlorophenol	7.517	128	56829	31.368	ng/ul#	85
13) 2-Methylphenol	8.410	108	46052	24.119	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.474	45	64392	35.942	ng/ul#	94
16) Acetophenone	8.780	105	115747	36.780	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.756	70	61299	38.792	ng/ul	96
18) 4-Methylphenol	8.739	108	42348m	20.616	ng/ul	
19) Hexachloroethane	9.032	117	30221	38.117	ng/ul	91
22) Nitrobenzene	9.161	77	93944	39.369	ng/ul	98
23) Isophorone	9.684	82	164106	38.598	ng/ul	97
25) 2-Nitrophenol	9.878	139	39514	38.758	ng/ul#	87
26) 2,4-Dimethylphenol	9.943	107	79821	35.229	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.172	93	86367	39.338	ng/ul	96
29) 2,4-Dichlorophenol	10.424	162	67029	39.046	ng/ul	94
30) Naphthalene	10.818	128	220858	38.900	ng/ul	98
32) 4-Chloroaniline	10.936	127	76202	31.081	ng/ul	91
33) Hexachlorobutadiene	11.094	225	54987	39.595	ng/ul	92
34) Caprolactam	11.717	113	4022m	6.689	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	75167	36.637	ng/ul	98
36) 2-Methylnaphthalene	12.434	142	164593	38.998	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	158477	37.200	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	91829	41.458	ng/ul#	98
40) Hexachlorocyclopentadiene	12.774	237	9475	9.558	ng/ul	96
41) 2,4,6-Trichlorophenol	13.050	196	58823	41.673	ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	64517	43.611	ng/ul	89
43) 1,1'-Biphenyl	13.444	154	215137	40.834	ng/ul	99
44) 2-Chloronaphthalene	13.485	162	168562	39.832	ng/ul	99
45) 2-Nitroaniline	13.697	65	62274	43.342	ng/ul	96
47) Dimethylphthalate	14.061	163	229225	40.132	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	49553	42.022	ng/ul	94
50) Acenaphthylene	14.337	152	254512	41.151	ng/ul	98
51) 3-Nitroaniline	14.525	138	45360	39.863	ng/ul	96
52) Acenaphthene	14.678	153	190008	42.351	ng/ul	94
53) 2,4-Dinitrophenol	14.748	184	16192m	26.884	ng/ul	
55) 4-Nitrophenol	14.871	109	9347	8.829	ng/ul	95
56) Dibenzofuran	15.012	168	256579	41.297	ng/ul	99
57) 2,4-Dinitrotoluene	14.989	165	72542	42.767	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.247	232	53363	43.530	ng/ul	98
59) Diethylphthalate	15.424	149	235902	40.373	ng/ul	96
61) Fluorene	15.664	166	219071	41.793	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.653	204	114317	41.218	ng/ul	98
63) 4-Nitroaniline	15.694	138	47013	41.401	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.764	198	36972	39.953	ng/ul	95
67) N-Nitrosodiphenylamine	15.870	169	186886	44.731	ng/ul	97
68) 4-Bromophenyl-phenylether	16.546	248	80932	46.102	ng/ul	99
69) Hexachlorobenzene	16.675	284	91196	44.987	ng/ul	97
70) Atrazine	16.822	200	83497	44.985	ng/ul	97
71) Pentachlorophenol	17.027	266	29446	34.304	ng/ul	96
72) Phenanthrene	17.409	178	355195	44.897	ng/ul	99
74) Anthracene	17.503	178	349886	43.643	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.409	216	95177	44.703	ng/uL	90
76) Pentachlorobenzene	14.936	250	100638	44.609	ng/uL	94
77) Carbazole	17.773	167	324127	45.435	ng/ul	97
78) Di-n-butylphthalate	18.320	149	399209	43.755	ng/ul	98
80) Fluoranthene	19.424	202	443471	41.121	ng/ul#	97
82) Pyrene	19.788	202	434666	40.674	ng/ul	99
83) Butylbenzylphthalate	20.664	149	176837	41.932	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	27632	7.208	ng/ul	89
85) Benzo(a)anthracene	21.621	228	428310	42.503	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	253176	43.715	ng/ul	99
87) Chrysene	21.686	228	409739	43.013	ng/ul	96
89) Di-n-octyl phthalate	22.708	149	418812	42.853	ng/ul	100
90) Benzo(b)fluoranthene	23.836	252	449493m	42.653	ng/ul	
91) Benzo(k)fluoranthene	23.900	252	432686	43.195	ng/ul	99
93) Benzo(a)pyrene	24.705	252	388766	42.479	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.541	276	518561	42.954	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.600	278	433177	42.862	ng/ul#	98
96) Benzo(g,h,i)perylene	29.704	276	425318	41.905	ng/ul	96

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

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