Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050153.D
Acq On : 4 Sep 2021 6:36
Operator : CG/JU
Sample : PB138799BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS799

Manual Integrations APPROVED
mohammad
9/7/2021 11:34:41 AM

Quant Time: Sep 04 07:24:57 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	7.949	152	29141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.768	136	115360	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	74101	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.365	188	172721	20.000	ng/ul	-0.01
79) Chrysene-d12	21.636	240	183072	20.000	ng/ul	-0.01
88) Perylene-d12	24.855	264	185368	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	4077	7.214	ng/uL	-0.01
4) Pyridine-d5	3.731	84	62826	36.909	ng/ul	-0.01
7) Phenol-d5	7.120	99	90843	36.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	48396	35.203	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	67525	36.469	ng/ul	-0.01
15) 4-Methylphenol-d8	8.677	113	68628	35.215	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	32985	36.881	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	37452	35.168	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	69496	36.587	ng/ul	0.00
31) 4-Chloroaniline-d4	10.903	131	84769	32.788	ng/ul	-0.02
46) Dimethylphthalate-d6	14.011	166	214902	37.895	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	259534	39.032	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.845	143	27889	33.991	ng/ul	0.00
60) Fluorene-d10	15.609	176	181780	37.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	37561	33.802	ng/ul	0.00
73) Anthracene-d10	17.465	188	292302	37.687	ng/ul	-0.01
81) Pyrene-d10	19.756	212	363950	36.788	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.632	264	363950	37.008	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	10058	14.600	ng/uL	95
5) Pyridine	3.754	79	66688	36.249	ng/ul#	87
6) Benzaldehyde	7.079	77	57780	40.576	ng/ul	93
8) Phenol	7.150	94	93664	37.474	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.367	93	65325	37.860	ng/ul	99
12) 2-Chlorophenol	7.514	128	68824	37.617	ng/ul#	85
13) 2-Methylphenol	8.407	108	69369	35.974	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.483	45	66134	36.552	ng/ul#	92
16) Acetophenone	8.777	105	112429	35.375	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.759	70	59197	37.094	ng/ul	95
18) 4-Methylphenol	8.742	108	73456	35.409	ng/ul	90
19) Hexachloroethane	9.035	117	31035	38.759	ng/ul	94
22) Nitrobenzene	9.165	77	92520	38.178	ng/ul	98
23) Isophorone	9.687	82	158646	36.742	ng/ul	95
25) 2-Nitrophenol	9.881	139	40613	39.225	ng/ul	91
26) 2,4-Dimethylphenol	9.946	107	86195	37.459	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.169	93	85920	38.535	ng/ul	95
29) 2,4-Dichlorophenol	10.428	162	68605	39.352	ng/ul	99
30) Naphthalene	10.815	128	217852	37.782	ng/ul	99
32) 4-Chloroaniline	10.933	127	88873	35.694	ng/ul#	87
33) Hexachlorobutadiene	11.097	225	53685	38.065	ng/ul	94
34) Caprolactam	11.702	113	22493m	36.832	ng/ul	
35) 4-Chloro-3-methylphenol	12.078	107	79558	38.183	ng/ul	97
36) 2-Methylnaphthalene	12.431	142	161619	37.707	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	155009	35.828	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.801	216	90732	41.688	ng/ul#	98
40) Hexachlorocyclopentadiene	12.771	237	12889	13.232	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.053	196	55360	39.914	ng/ul	86
42) 2,4,5-Trichlorophenol	13.136	196	56472	38.848	ng/ul	90
43) 1,1'-Biphenyl	13.441	154	210625	40.685	ng/ul	98
44) 2-Chloronaphthalene	13.488	162	162518	39.083	ng/ul	98
45) 2-Nitroaniline	13.694	65	56637	40.116	ng/ul	96
47) Dimethylphthalate	14.058	163	213615	38.061	ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	47774	41.230	ng/ul#	87
50) Acenaphthylene	14.334	152	247590	40.740	ng/ul	96
51) 3-Nitroaniline	14.528	138	44578	39.869	ng/ul	98
52) Acenaphthene	14.675	153	177057	40.163	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	17002m	28.729	ng/ul	
55) 4-Nitrophenol	14.857	109	31811	30.579	ng/ul	88
56) Dibenzofuran	15.010	168	245068	40.142	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	68640	41.182	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.250	232	49537	41.123	ng/ul#	95
59) Diethylphthalate	15.421	149	222323	38.722	ng/ul	97
61) Fluorene	15.662	166	206547	40.101	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.650	204	108257	39.724	ng/ul	98
63) 4-Nitroaniline	15.697	138	46924	42.054	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.762	198	35571	35.317	ng/ul	98
67) N-Nitrosodiphenylamine	15.867	169	176916	38.905	ng/ul	98
68) 4-Bromophenyl-phenylether	16.549	248	77642	40.636	ng/ul	96
69) Hexachlorobenzene	16.672	284	87898	39.839	ng/ul	97
70) Atrazine	16.819	200	82820	40.996	ng/ul	97
71) Pentachlorophenol	17.030	266	20659m	22.113	ng/ul	
72) Phenanthrene	17.406	178	345692	40.147	ng/ul	98
74) Anthracene	17.500	178	344475	39.478	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.412	216	93351	40.284	ng/uL	92
76) Pentachlorobenzene	14.933	250	97806	39.832	ng/uL	97
77) Carbazole	17.771	167	315404	40.621	ng/ul	99
78) Di-n-butylphthalate	18.317	149	390133	39.287	ng/ul	98
80) Fluoranthene	19.421	202	445597	36.500	ng/ul#	97
82) Pyrene	19.785	202	439208	36.307	ng/ul	98
83) Butylbenzylphthalate	20.661	149	178792	37.452	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.530	252	164787	37.972	ng/ul	95
85) Benzo(a)anthracene	21.618	228	439643	38.541	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.507	149	253704	38.698	ng/ul	99
87) Chrysene	21.683	228	416704	38.644	ng/ul	95
89) Di-n-octyl phthalate	22.705	149	424079	38.565	ng/ul	100
90) Benzo(b)fluoranthene	23.833	252	455358	38.403	ng/ul#	97
91) Benzo(k)fluoranthene	23.898	252	443050	39.309	ng/ul	99
93) Benzo(a)pyrene	24.702	252	401720	39.011	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.544	276	508081	37.404	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.591	278	418965	36.844	ng/ul	99
96) Benzo(g,h,i)perylene	29.690	276	405389	35.498	ng/ul	97

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

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