Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
Data File : BG053772.D
Acq On : 31 May 2022 23:16
Operator : CG/JU
Sample : PB145155BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS155

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/01/2022
Supervised By :mohammad ahmed 06/06/2022

Quant Time: Jun 01 05:04:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 01 00:25:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	18221	20.000	ng/ul	0.00
20) Naphthalene-d8	10.914	136	76616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	52987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.465	188	129753	20.000	ng/ul	0.00
79) Chrysene-d12	21.748	240	148835	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	151632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	3021	6.271	ng/uL	0.00
4) Pyridine-d5	3.940	84	39755	37.430	ng/ul	-0.01
7) Phenol-d5	7.248	99	50986	36.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.424	67	31664	35.352	ng/ul	0.00
11) 2-Chlorophenol-d4	7.630	132	40236	36.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	41320	36.000	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	17754	38.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	18087	39.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	44138	35.752	ng/ul	0.00
31) 4-Chloroaniline-d4	11.037	131	55780	32.935	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	145422	35.715	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	158332	34.800	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	22316	39.860	ng/ul	0.00
60) Fluorene-d10	15.714	176	127437	35.737	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	19405	37.405	ng/ul	0.00
73) Anthracene-d10	17.565	188	212577	36.272	ng/ul	0.00
81) Pyrene-d10	19.851	212	287410	36.281	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.798	264	279235	36.822	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	6355	12.541	ng/uL	89
5) Pyridine	3.963	79	38595	34.365	ng/ul	94
6) Benzaldehyde	7.236	77	35999	49.325	ng/ul	96
8) Phenol	7.271	94	50915	34.327	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.512	93	38567	33.953	ng/ul	89
12) 2-Chlorophenol	7.665	128	39002	34.590	ng/ul	97
13) 2-Methylphenol	8.528	108	38364	33.670	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.628	45	64784	33.935	ng/ul	98
16) Acetophenone	8.922	105	59911	33.420	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.905	70	32507	32.485	ng/ul#	94
18) 4-Methylphenol	8.857	108	40275	33.440	ng/ul	99
19) Hexachloroethane	9.198	117	16058	33.596	ng/ul	95
22) Nitrobenzene	9.298	77	41796	34.993	ng/ul	92
23) Isophorone	9.827	82	88860	31.547	ng/ul	98
25) 2-Nitrophenol	10.015	139	17919	37.046	ng/ul	92
26) 2,4-Dimethylphenol	10.068	107	43804	29.998	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.309	93	52056	32.138	ng/ul	98
29) 2,4-Dichlorophenol	10.550	162	40587	33.150	ng/ul	98
30) Naphthalene	10.961	128	124514	32.109	ng/ul	99
32) 4-Chloroaniline	11.061	127	52093	31.217	ng/ul	98
33) Hexachlorobutadiene	11.255	225	33416	32.885	ng/ul	94
34) Caprolactam	11.819	113	12303m	35.902	ng/ul	
35) 4-Chloro-3-methylphenol	12.171	107	43174	33.418	ng/ul	90
36) 2-Methylnaphthalene	12.559	142	88787	32.417	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.776	142	87988	32.289	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.923	216	61178	33.008	ng/ul	96
40)	Hexachlorocyclopentadiene	12.912	237	37994	30.153	ng/ul	98
41)	2,4,6-Trichlorophenol	13.158	196	36085	34.168	ng/ul	92
42)	2,4,5-Trichlorophenol	13.223	196	38340	33.751	ng/ul	98
43)	1,1'-Biphenyl	13.558	154	124694	32.532	ng/ul	98
44)	2-Chloronaphthalene	13.605	162	96667	32.377	ng/ul	99
45)	2-Nitroaniline	13.793	65	23887	37.631	ng/ul	89
47)	Dimethylphthalate	14.175	163	130251	33.409	ng/ul	99
48)	2,6-Dinitrotoluene	14.286	165	22165	38.961	ng/ul	95
50)	Acenaphthylene	14.445	152	158578	32.511	ng/ul	100
51)	3-Nitroaniline	14.610	138	22831	41.911	ng/ul#	94
52)	Acenaphthene	14.786	153	105977	32.736	ng/ul	98
53)	2,4-Dinitrophenol	14.815	184	10853	36.161	ng/ul#	75
55)	4-Nitrophenol	14.903	109	19535	36.974	ng/ul	95
56)	Dibenzofuran	15.121	168	154510	32.997	ng/ul	97
57)	2,4-Dinitrotoluene	15.068	165	32306	40.652	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.338	232	35419	35.191	ng/ul	99
59)	Diethylphthalate	15.538	149	133855	33.182	ng/ul	99
61)	Fluorene	15.767	166	126512	32.970	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.761	204	71001	32.982	ng/ul	99
63)	4-Nitroaniline	15.773	138	25104	47.738	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.832	198	17503	36.275	ng/ul	95
67)	N-Nitrosodiphenylamine	15.967	169	116993	33.021	ng/ul	96
68)	4-Bromophenyl-phenylether	16.654	248	49169	34.173	ng/ul	98
69)	Hexachlorobenzene	16.778	284	55529	35.743	ng/ul	99
70)	Atrazine	16.913	200	53644	34.323	ng/ul	97
71)	Pentachlorophenol	17.113	266	32197	34.872	ng/ul	94
72)	Phenanthrene	17.506	178	228211	34.092	ng/ul	99
74)	Anthracene	17.600	178	230058	33.680	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.528	216	65617	31.977	ng/uL	94
76)	Pentachlorobenzene	15.044	250	61226	33.219	ng/uL	98
77)	Carbazole	17.859	167	213996	35.940	ng/ul	99
78)	Di-n-butylphthalate	18.429	149	253808	34.091	ng/ul	99
80)	Fluoranthene	19.516	202	310841	33.757	ng/ul	98
82)	Pyrene	19.880	202	309422	33.900	ng/ul	100
83)	Butylbenzylphthalate	20.767	149	115257	34.698	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.637	252	120538	36.400	ng/ul	97
85)	Benzo(a)anthracene	21.725	228	322002	34.217	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.648	149	163436	33.507	ng/ul	99
87)	Chrysene	21.795	228	310493	34.518	ng/ul	100
89)	Di-n-octyl phthalate	22.888	149	281625	34.136	ng/ul	100
90)	Benzo(b)fluoranthene	23.981	252	329600	34.647	ng/ul	97
91)	Benzo(k)fluoranthene	24.051	252	303701	33.519	ng/ul	100
93)	Benzo(a)pyrene	24.868	252	311003	33.850	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.764	276	365251	34.657	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.834	278	311943	34.471	ng/ul	99
96)	Benzo(g,h,i)perylene	29.939	276	307159	34.555	ng/ul	99

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

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