Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055458.D
Acq On : 4 Nov 2022 17:45
Operator : CG/JU
Sample : N5418-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 00:03:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-JMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.231	152	24624	20.000	ng		0.00
21) Naphthalene-d8	11.063	136	104990	20.000	ng		0.00
39) Acenaphthene-d10	14.847	164	77153	20.000	ng		-0.01
64) Phenanthrene-d10	17.585	188	186949	20.000	ng		0.00
76) Chrysene-d12	21.856	240	189784	20.000	ng		0.00
86) Perylene-d12	25.223	264	210113	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.758	112	212808	155.203	ng		0.00
7) Phenol-d6	7.385	99	264316	139.007	ng		0.00
23) Nitrobenzene-d5	9.406	82	180395	91.572	ng		0.00
42) 2,4,6-Tribromophenol	16.333	330	168249	159.874	ng		0.00
45) 2-Fluorobiphenyl	13.478	172	466918	89.728	ng		0.00
79) Terphenyl-d14	20.158	244	919386	94.201	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.566	88	27829	44.747	ng	#	49
3) Pyridine	3.989	79	70029	37.942	ng		96
4) n-Nitrosodimethylamine	3.889	42	36296	49.779	ng		95
6) Aniline	7.550	93	50712	20.563	ng		94
8) 2-Chlorophenol	7.796	128	88027	52.838	ng		99
9) Benzaldehyde	7.362	77	53650	47.993	ng		94
10) Phenol	7.414	94	99952	46.442	ng		100
11) bis(2-Chloroethyl)ether	7.638	93	77422	48.083	ng		96
12) 1,3-Dichlorobenzene	8.119	146	87073	46.111	ng		100
13) 1,4-Dichlorobenzene	8.266	146	87712	45.606	ng		98
14) 1,2-Dichlorobenzene	8.590	146	87667	47.622	ng		97
15) Benzyl Alcohol	8.472	79	78596m	51.826	ng		
16) 2,2'-oxybis(1-Chloropr...	8.754	45	97068	45.311	ng		97
17) 2-Methylphenol	8.678	107	77747	50.207	ng		99
18) Hexachloroethane	9.324	117	29303	44.663	ng		95
19) n-Nitroso-di-n-propyla...	9.036	70	68464	46.079	ng		97
20) 3+4-Methylphenols	9.007	107	106622	48.459	ng		97
22) Acetophenone	9.060	105	136778	49.703	ng	#	98
24) Nitrobenzene	9.453	77	97439	47.442	ng		94
25) Isophorone	9.970	82	190306	48.778	ng		99
26) 2-Nitrophenol	10.170	139	52102	49.266	ng		97
27) 2,4-Dimethylphenol	10.217	122	88658	59.788	ng		99
28) bis(2-Chloroethoxy)met...	10.446	93	110320	53.088	ng		98
29) 2,4-Dichlorophenol	10.711	162	95841	52.983	ng		98
30) 1,2,4-Trichlorobenzene	10.916	180	92167	47.053	ng		100
31) Naphthalene	11.110	128	275197	46.555	ng		99
32) Benzoic acid	10.387	122	17970m	24.493	ng		
33) 4-Chloroaniline	11.228	127	10729	4.368	ng		98
34) Hexachlorobutadiene	11.386	225	55093	45.249	ng		98
35) Caprolactam	11.997	113	28893m	43.141	ng		
36) 4-Chloro-3-methylphenol	12.326	107	103158	52.084	ng		97
37) 2-Methylnaphthalene	12.696	142	203152	46.788	ng		99
38) 1-Methylnaphthalene	12.914	142	195029	46.052	ng		100
40) 1,2,4,5-Tetrachloroben...	13.061	216	111163	48.775	ng		99
41) Hexachlorocyclopentadiene	13.031	237	106065	96.096	ng		94
43) 2,4,6-Trichlorophenol	13.296	196	81390	51.281	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.378	196	91799	51.927	ng	99
46)	1,1'-Biphenyl	13.689	154	286701	50.501	ng	99
47)	2-Chloronaphthalene	13.736	162	220571	48.352	ng	99
48)	2-Nitroaniline	13.936	65	69115	49.327	ng	97
49)	Acenaphthylene	14.577	152	366075	48.872	ng	99
50)	Dimethylphthalate	14.295	163	318360	49.434	ng	100
51)	2,6-Dinitrotoluene	14.424	165	67820	50.303	ng	99
52)	Acenaphthene	14.912	154	213548	47.902	ng	99
53)	3-Nitroaniline	14.759	138	23077	15.229	ng	100
54)	2,4-Dinitrophenol	14.964	184	50460	63.088	ng	98
55)	Dibenzofuran	15.246	168	364974	49.461	ng	99
56)	4-Nitrophenol	15.070	139	104364	100.446	ng	97
57)	2,4-Dinitrotoluene	15.205	165	98706	51.202	ng	98
58)	Fluorene	15.887	166	293178	48.908	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.470	232	84107	52.912	ng	97
60)	Diethylphthalate	15.640	149	320928	47.952	ng	99
61)	4-Chlorophenyl-phenyle...	15.869	204	157276	50.749	ng	99
62)	4-Nitroaniline	15.916	138	73762	46.009	ng	98
63)	Azobenzene	16.163	77	265654	47.751	ng	99
65)	4,6-Dinitro-2-methylph...	15.969	198	48229	40.050	ng	99
66)	n-Nitrosodiphenylamine	16.087	169	272073	48.950	ng	100
67)	4-Bromophenyl-phenylether	16.762	248	110157	49.846	ng	97
68)	Hexachlorobenzene	16.892	284	122305	48.531	ng	97
69)	Atrazine	17.021	200	112401	60.236	ng	99
70)	Pentachlorophenol	17.238	266	119846	91.135	ng	99
71)	Phenanthrene	17.626	178	505840	48.103	ng	99
72)	Anthracene	17.714	178	516023	50.064	ng	100
73)	Carbazole	17.984	167	488921	50.984	ng	100
74)	Di-n-butylphthalate	18.507	149	584636	48.813	ng	100
75)	Fluoranthene	19.618	202	615163	48.634	ng	99
77)	Benzidine	19.788	184	123973	31.376	ng	99
78)	Pyrene	19.976	202	629283	47.002	ng	99
80)	Butylbenzylphthalate	20.828	149	264829	47.444	ng	97
81)	Benzo(a)anthracene	21.833	228	618006	47.437	ng	99
82)	3,3'-Dichlorobenzidine	21.739	252	97815	21.895	ng	99
83)	Chrysene	21.903	228	576300	46.367	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.698	149	387728	47.786	ng	100
85)	Di-n-octyl phthalate	22.943	149	660996	47.545	ng	99
87)	Indeno(1,2,3-cd)pyrene	29.101	276	802569	47.575	ng	99
88)	Benzo(b)fluoranthene	24.148	252	677657	50.775	ng	99
89)	Benzo(k)fluoranthene	24.218	252	652465	48.647	ng	99
90)	Benzo(a)pyrene	25.064	252	597100	51.741	ng	98
91)	Dibenzo(a,h)anthracene	29.165	278	681653	48.977	ng	99
92)	Benzo(g,h,i)perylene	30.335	276	672505	48.583	ng	98

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

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