Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
Data File : BG055829.D
Acq On : 29 Nov 2022 15:19
Operator : CG/JU
Sample : N5787-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 30 02:04:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-24-STOCKMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	37631	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	154513	20.000	ng	0.00
39) Acenaphthene-d10	14.852	164	111739	20.000	ng	0.00
64) Phenanthrene-d10	17.590	188	272786	20.000	ng	0.00
76) Chrysene-d12	21.879	240	260398	20.000	ng	0.00
86) Perylene-d12	25.269	264	284085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	273243	131.246	ng	0.00
7) Phenol-d6	7.378	99	355463	128.263	ng	0.00
23) Nitrobenzene-d5	9.399	82	221303	75.702	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	198217	125.978	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	542418	72.724	ng	0.00
79) Terphenyl-d14	20.175	244	1002295	76.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	32617	36.660	ng	98
3) Pyridine	3.994	79	90436	33.134	ng	100
4) n-Nitrosodimethylamine	3.906	42	59094	40.894	ng	98
6) Aniline	7.543	93	97030	27.875	ng	99
8) 2-Chlorophenol	7.783	128	108646	45.650	ng	97
9) Benzaldehyde	7.355	77	55707	29.598	ng	98
10) Phenol	7.402	94	136073	43.851	ng	97
11) bis(2-Chloroethyl)ether	7.631	93	95041	39.966	ng	99
12) 1,3-Dichlorobenzene	8.112	146	116582	41.663	ng	96
13) 1,4-Dichlorobenzene	8.259	146	117543	41.570	ng	98
14) 1,2-Dichlorobenzene	8.582	146	115191	42.513	ng	99
15) Benzyl Alcohol	8.459	79	94403m	41.914	ng	
16) 2,2'-oxybis(1-Chloropr...	8.741	45	171631	39.868	ng	98
17) 2-Methylphenol	8.665	107	94150	42.736	ng	98
18) Hexachloroethane	9.317	117	41482	42.624	ng	96
19) n-Nitroso-di-n-propyla...	9.029	70	83416	39.174	ng	99
20) 3+4-Methylphenols	8.994	107	129266	42.003	ng	97
22) Acetophenone	9.053	105	162072	40.366	ng	98
24) Nitrobenzene	9.440	77	123504	40.447	ng	99
25) Isophorone	9.963	82	225455	40.703	ng	99
26) 2-Nitrophenol	10.157	139	62220	44.140	ng	95
27) 2,4-Dimethylphenol	10.204	122	108510m	50.579	ng	
28) bis(2-Chloroethoxy)met...	10.439	93	132415	44.530	ng	99
29) 2,4-Dichlorophenol	10.698	162	112907	43.970	ng	99
30) 1,2,4-Trichlorobenzene	10.909	180	120950	40.543	ng	99
31) Naphthalene	11.103	128	329640	39.465	ng	99
32) Benzoic acid	10.351	122	56667	32.105	ng	95
33) 4-Chloroaniline	11.209	127	74302	21.564	ng	98
34) Hexachlorobutadiene	11.379	225	81082	39.804	ng	98
35) Caprolactam	11.979	113	37527m	42.232	ng	
36) 4-Chloro-3-methylphenol	12.319	107	121759	43.142	ng	96
37) 2-Methylnaphthalene	12.695	142	248037	39.660	ng	99
38) 1-Methylnaphthalene	12.913	142	233142	38.400	ng	100
40) 1,2,4,5-Tetrachloroben...	13.054	216	148349	42.247	ng	99
41) Hexachlorocyclopentadiene	13.030	237	121279	68.527	ng	99
43) 2,4,6-Trichlorophenol	13.295	196	100485	41.951	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.371	196	110245	41.882	ng		98
46)	1,1'-Biphenyl	13.688	154	333964	41.014	ng		98
47)	2-Chloronaphthalene	13.735	162	254655	40.236	ng		97
48)	2-Nitroaniline	13.935	65	85908	41.286	ng		94
49)	Acenaphthylene	14.575	152	425706	40.847	ng		99
50)	Dimethylphthalate	14.293	163	346723	38.925	ng		99
51)	2,6-Dinitrotoluene	14.417	165	76159	41.816	ng		99
52)	Acenaphthene	14.910	154	286102m	42.003	ng		
53)	3-Nitroaniline	14.752	138	58075	29.047	ng		96
54)	2,4-Dinitrophenol	14.963	184	60633	57.902	ng		97
55)	Dibenzofuran	15.245	168	422244	40.183	ng		99
56)	4-Nitrophenol	15.063	139	127635	81.339	ng		98
57)	2,4-Dinitrotoluene	15.204	165	111046	43.245	ng		96
58)	Fluorene	15.892	166	339799	40.488	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.469	232	102435	40.162	ng		99
60)	Diethylphthalate	15.645	149	350305	38.898	ng		100
61)	4-Chlorophenyl-phenyle...	15.874	204	187721	40.691	ng		99
62)	4-Nitroaniline	15.909	138	79539	38.058	ng		97
63)	Azobenzene	16.168	77	313987	39.936	ng		99
65)	4,6-Dinitro-2-methylph...	15.968	198	48349	31.742	ng		98
66)	n-Nitrosodiphenylamine	16.091	169	306667	40.793	ng		98
67)	4-Bromophenyl-phenylether	16.767	248	126014	40.544	ng		99
68)	Hexachlorobenzene	16.896	284	141924	41.181	ng		97
69)	Atrazine	17.026	200	131490	44.225	ng		99
70)	Pentachlorophenol	17.237	266	157756	74.828	ng		98
71)	Phenanthrene	17.631	178	588147	39.954	ng		99
72)	Anthracene	17.725	178	593756	41.513	ng		99
73)	Carbazole	17.989	167	531184	41.311	ng		100
74)	Di-n-butylphthalate	18.518	149	635369	39.795	ng		99
75)	Fluoranthene	19.628	202	718573	40.124	ng		100
77)	Benzidine	19.799	184	294443	48.877	ng		99
78)	Pyrene	19.993	202	722962	41.017	ng		99
80)	Butylbenzylphthalate	20.850	149	278623	40.379	ng		99
81)	Benzo(a)anthracene	21.861	228	724467	40.394	ng		100
82)	3,3'-Dichlorobenzidine	21.761	252	166944	26.490	ng		99
83)	Chrysene	21.932	228	676737	39.635	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.726	149	404230	40.763	ng		100
85)	Di-n-octyl phthalate	22.989	149	696240	41.027	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.176	276	866708	37.241	ng	#	95
88)	Benzo(b)fluoranthene	24.188	252	777862	42.044	ng		99
89)	Benzo(k)fluoranthene	24.258	252	735300	39.871	ng		100
90)	Benzo(a)pyrene	25.110	252	672769	42.375	ng		98
91)	Dibenzo(a,h)anthracene	29.241	278	725254	38.135	ng		99
92)	Benzo(g,h,i)perylene	30.410	276	721661	37.649	ng		98

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

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