Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056972.D
Acq On : 4 Apr 2023 19:35
Operator : CG/JU
Sample : 02161-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 05 04:10:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-6MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	12311	20.000	ng		0.00
21) Naphthalene-d8	11.256	136	48241	20.000	ng		0.00
39) Acenaphthene-d10	15.028	164	36465	20.000	ng		0.00
64) Phenanthrene-d10	17.765	188	100348	20.000	ng		0.00
76) Chrysene-d12	22.089	240	97881	20.000	ng		0.00
86) Perylene-d12	25.625	264	102928	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.922	112	100148	130.194	ng		0.00
7) Phenol-d6	7.544	99	136406	118.566	ng		0.00
23) Nitrobenzene-d5	9.594	82	99418	84.325	ng		0.00
42) 2,4,6-Tribromophenol	16.508	330	88567	152.036	ng		0.00
45) 2-Fluorobiphenyl	13.653	172	235861	87.709	ng		0.00
79) Terphenyl-d14	20.332	244	546112	94.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.743	88	13639	40.448	ng	#	56
3) Pyridine	4.172	79	20253	18.648	ng	#	91
4) n-Nitrosodimethylamine	4.060	42	23372	46.806	ng		79
6) Aniline	7.732	93	16565	11.263	ng		96
8) 2-Chlorophenol	7.967	128	35092	45.801	ng		92
9) Benzaldehyde	7.532	77	19639	27.216	ng		94
10) Phenol	7.573	94	47997	42.104	ng		93
11) bis(2-Chloroethyl)ether	7.808	93	32992	40.629	ng		99
12) 1,3-Dichlorobenzene	8.301	146	38102	45.006	ng		96
13) 1,4-Dichlorobenzene	8.448	146	38832	45.447	ng		97
14) 1,2-Dichlorobenzene	8.777	146	36898	44.698	ng		95
15) Benzyl Alcohol	8.648	79	41488	43.400	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.930	45	43256	44.201	ng		97
17) 2-Methylphenol	8.842	107	33135	40.742	ng		93
18) Hexachloroethane	9.517	117	13562	43.426	ng		89
19) n-Nitroso-di-n-propyla...	9.218	70	33301	40.468	ng	#	95
20) 3+4-Methylphenols	9.171	107	46450	40.844	ng		99
22) Acetophenone	9.241	105	60111	41.876	ng	#	95
24) Nitrobenzene	9.635	77	51287	42.549	ng		98
25) Isophorone	10.158	82	89631	39.923	ng	#	97
26) 2-Nitrophenol	10.352	139	20207	43.432	ng		98
27) 2,4-Dimethylphenol	10.393	122	36137	43.991	ng		99
28) bis(2-Chloroethoxy)met...	10.634	93	45217	40.229	ng		100
29) 2,4-Dichlorophenol	10.892	162	38908	44.041	ng		95
30) 1,2,4-Trichlorobenzene	11.109	180	39996	42.609	ng		95
31) Naphthalene	11.309	128	109304	41.569	ng		98
32) Benzoic acid	10.516	122	23038	40.828	ng		89
34) Hexachlorobutadiene	11.579	225	30124	42.722	ng		94
35) Caprolactam	12.161	113	10832m	35.553	ng		
36) 4-Chloro-3-methylphenol	12.490	107	43620	44.151	ng		98
37) 2-Methylnaphthalene	12.883	142	83683	40.099	ng		97
38) 1-Methylnaphthalene	13.095	142	77679	39.640	ng		94
40) 1,2,4,5-Tetrachloroben...	13.242	216	57676	45.612	ng	#	98
41) Hexachlorocyclopentadiene	13.218	237	80351	115.329	ng		97
43) 2,4,6-Trichlorophenol	13.465	196	37959	47.042	ng		98
44) 2,4,5-Trichlorophenol	13.541	196	43031	45.015	ng		93

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46) 1,1'-Biphenyl	13.864	154	125429	46.989	ng		96
47) 2-Chloronaphthalene	13.917	162	92366	46.786	ng		97
48) 2-Nitroaniline	14.111	65	34304	48.594	ng		91
49) Acenaphthylene	14.757	152	147874	45.588	ng		99
50) Dimethylphthalate	14.464	163	135578	47.187	ng	#	97
51) 2,6-Dinitrotoluene	14.587	165	28990	46.699	ng		87
52) Acenaphthene	15.092	154	123994m	55.426	ng		
53) 3-Nitroaniline	14.916	138	7753	12.618	ng	#	70
54) 2,4-Dinitrophenol	15.127	184	43476	124.425	ng		89
55) Dibenzofuran	15.421	168	156557	46.627	ng		96
56) 4-Nitrophenol	15.210	139	46405	102.130	ng		95
57) 2,4-Dinitrotoluene	15.374	165	42676	48.742	ng	#	98
58) Fluorene	16.067	166	135150	48.643	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.639	232	43753	50.269	ng	#	99
60) Diethylphthalate	15.809	149	138383	48.044	ng		98
61) 4-Chlorophenyl-phenyle...	16.050	204	78829	48.323	ng		100
62) 4-Nitroaniline	16.079	138	25825	40.565	ng		87
63) Azobenzene	16.338	77	138717	48.325	ng		96
65) 4,6-Dinitro-2-methylph...	16.132	198	30599	50.348	ng		99
66) n-Nitrosodiphenylamine	16.261	169	113612	42.176	ng		97
67) 4-Bromophenyl-phenylether	16.943	248	54484	43.881	ng		98
68) Hexachlorobenzene	17.072	284	58708	47.826	ng		98
69) Atrazine	17.189	200	40002	35.774	ng		99
70) Pentachlorophenol	17.407	266	78199	88.796	ng		96
71) Phenanthrene	17.806	178	237132	46.349	ng		99
72) Anthracene	17.900	178	242542	46.244	ng		99
73) Carbazole	18.164	167	211652	46.285	ng		93
74) Di-n-butylphthalate	18.687	149	250186	47.248	ng		98
75) Fluoranthene	19.798	202	304700	46.981	ng		99
78) Pyrene	20.156	202	309091	45.656	ng		97
80) Butylbenzylphthalate	21.014	149	107824	46.283	ng		97
81) Benzo(a)anthracene	22.065	228	307247	45.361	ng		99
82) 3,3'-Dichlorobenzidine	21.965	252	14109	6.169	ng		96
83) Chrysene	22.136	228	283702	44.734	ng		99
84) Bis(2-ethylhexyl)phtha...	21.918	149	149205	44.229	ng		98
85) Di-n-octyl phthalate	23.240	149	254546	44.777	ng		99
87) Indeno(1,2,3-cd)pyrene	29.719	276	355345	46.714	ng		99
88) Benzo(b)fluoranthene	24.491	252	330016	51.273	ng		99
89) Benzo(k)fluoranthene	24.568	252	309282	48.132	ng		98
90) Benzo(a)pyrene	25.461	252	279105	44.129	ng		99
91) Dibenzo(a,h)anthracene	29.784	278	296483	47.417	ng		98
92) Benzo(g,h,i)perylene	31.000	276	281828	46.031	ng		95

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

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