Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054363.D
Acq On : 22 Jul 2022 17:13
Operator : CG/JU
Sample : N3814-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 00:11:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.995	152	16851	20.000	ng		# 0.00
21) Naphthalene-d8	10.804	136	67928	20.000	ng		# 0.00
39) Acenaphthene-d10	14.629	164	58610	20.000	ng		0.00
64) Phenanthrene-d10	17.373	188	161835	20.000	ng		# 0.00
76) Chrysene-d12	21.644	240	189848	20.000	ng		# 0.00
86) Perylene-d12	24.840	264	204810	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	69312	85.879	ng		0.00
7) Phenol-d6	7.173	99	96236	87.020	ng		0.00
23) Nitrobenzene-d5	9.159	82	60119	48.197	ng		0.00
42) 2,4,6-Tribromophenol	16.121	330	102064	82.939	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	193331	46.533	ng		0.00
79) Terphenyl-d14	19.981	244	492902	51.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	10249m	31.920	ng		
3) Pyridine	3.818	79	27801	34.131	ng		92
4) n-Nitrosodimethylamine	3.736	42	20442	44.883	ng	#	74
6) Aniline	7.314	93	48792	38.222	ng		99
8) 2-Chlorophenol	7.566	128	46358	49.981	ng		87
9) Benzaldehyde	7.126	77	20833	36.093	ng	#	74
10) Phenol	7.202	94	54964	50.023	ng		92
11) bis(2-Chloroethyl)ether	7.408	93	36054	45.003	ng		94
12) 1,3-Dichlorobenzene	7.884	146	48997	43.357	ng		91
13) 1,4-Dichlorobenzene	8.031	146	51353	44.003	ng		97
14) 1,2-Dichlorobenzene	8.348	146	49611	45.080	ng		97
15) Benzyl Alcohol	8.236	79	44523	48.950	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.518	45	44701	44.303	ng		86
17) 2-Methylphenol	8.448	107	38314	48.379	ng		96
18) Hexachloroethane	9.076	117	17512	45.319	ng	#	64
19) n-Nitroso-di-n-propyla...	8.800	70	33543	45.421	ng	#	87
20) 3+4-Methylphenols	8.777	107	53248	47.719	ng		97
22) Acetophenone	8.818	105	69886	42.776	ng	#	98
24) Nitrobenzene	9.200	77	51154	41.962	ng	#	85
25) Isophorone	9.723	82	95869	44.192	ng	#	92
26) 2-Nitrophenol	9.917	139	27478	44.718	ng		88
27) 2,4-Dimethylphenol	9.981	122	44574	52.511	ng		93
28) bis(2-Chloroethoxy)met...	10.205	93	51719	47.269	ng	#	98
29) 2,4-Dichlorophenol	10.463	162	60476	47.200	ng		89
30) 1,2,4-Trichlorobenzene	10.669	180	65263	41.128	ng		97
31) Naphthalene	10.857	128	149083	43.721	ng		99
32) Benzoic acid	10.152	122	21236m	60.629	ng		
33) 4-Chloroaniline	10.963	127	35019	25.254	ng	#	91
34) Hexachlorobutadiene	11.139	225	57847	41.250	ng		94
35) Caprolactam	11.738	113	16284m	50.476	ng		
36) 4-Chloro-3-methylphenol	12.102	107	56882	48.800	ng		89
37) 2-Methylnaphthalene	12.461	142	117458	44.856	ng		98
38) 1-Methylnaphthalene	12.678	142	111846	43.835	ng		100
40) 1,2,4,5-Tetrachloroben...	12.831	216	106263	41.383	ng	#	95
41) Hexachlorocyclopentadiene	12.807	237	75362	89.268	ng		98
43) 2,4,6-Trichlorophenol	13.072	196	64269	45.968	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	70788	44.810	ng	#	91
46) 1,1'-Biphenyl	13.465	154	171587	42.793	ng		97
47) 2-Chloronaphthalene	13.507	162	139240	41.494	ng		98
48) 2-Nitroaniline	13.712	65	37695	43.043	ng	#	86
49) Acenaphthylene	14.353	152	210045	42.126	ng		98
50) Dimethylphthalate	14.082	163	195238	42.647	ng	#	98
51) 2,6-Dinitrotoluene	14.206	165	43537	43.358	ng	#	78
52) Acenaphthene	14.693	154	131102	43.421	ng		98
53) 3-Nitroaniline	14.535	138	25605	30.489	ng		89
54) 2,4-Dinitrophenol	14.752	184	55789	94.424	ng	#	78
55) Dibenzofuran	15.028	168	234010	43.558	ng		94
56) 4-Nitrophenol	14.876	139	56670	101.143	ng		97
57) 2,4-Dinitrotoluene	14.999	165	64308	44.674	ng	#	82
58) Fluorene	15.681	166	196948	44.588	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.263	232	70727	45.986	ng	#	85
60) Diethylphthalate	15.445	149	191000	43.490	ng		94
61) 4-Chlorophenyl-phenyle...	15.663	204	129693	44.731	ng	#	88
62) 4-Nitroaniline	15.698	138	38580	43.727	ng		95
63) Azobenzene	15.957	77	135638	42.744	ng		82
65) 4,6-Dinitro-2-methylph...	15.769	198	43879	43.886	ng		75
66) n-Nitrosodiphenylamine	15.880	169	174886	43.283	ng		96
67) 4-Bromophenyl-phenylether	16.562	248	99014	43.563	ng	#	88
68) Hexachlorobenzene	16.691	284	114779	44.159	ng	#	90
69) Atrazine	16.832	200	91605	50.948	ng		95
70) Pentachlorophenol	17.038	266	103899	91.584	ng		95
71) Phenanthrene	17.420	178	423106	52.499	ng		99
72) Anthracene	17.508	178	367562	46.476	ng		98
73) Carbazole	17.778	167	299197	45.951	ng		99
74) Di-n-butylphthalate	18.330	149	334416	43.523	ng		98
75) Fluoranthene	19.429	202	596458	54.292	ng		94
77) Benzidine	19.605	184	216385	62.934	ng		97
78) Pyrene	19.793	202	582036	53.430	ng		97
80) Butylbenzylphthalate	20.669	149	144642	42.608	ng	#	84
81) Benzo(a)anthracene	21.621	228	586475	48.664	ng		98
82) 3,3'-Dichlorobenzidine	21.532	252	145335	38.777	ng	#	94
83) Chrysene	21.691	228	533657	46.870	ng		96
84) Bis(2-ethylhexyl)phtha...	21.521	149	211556	44.042	ng	#	94
85) Di-n-octyl phthalate	22.719	149	348451	42.521	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.524	276	681084	43.713	ng	#	97
88) Benzo(b)fluoranthene	23.830	252	631024	52.098	ng	#	98
89) Benzo(k)fluoranthene	23.894	252	540463	44.836	ng	#	98
90) Benzo(a)pyrene	24.699	252	544534m	52.643	ng		
91) Dibenzo(a,h)anthracene	28.565	278	563904	44.014	ng	#	97
92) Benzo(g,h,i)perylene	29.658	276	589086	46.587	ng	#	91

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

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