Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053223.D
Acq On : 20 Apr 2022 19:53
Operator : CG/JU
Sample : N2467-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 21 06:04:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
KR-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.113	152	34069	20.000	ng		0.00
21) Naphthalene-d8	10.927	136	128767	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	91019	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	216687	20.000	ng		0.00
76) Chrysene-d12	21.771	240	203717	20.000	ng	#	0.00
86) Perylene-d12	25.073	264	211287	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	259098	130.365	ng		0.00
7) Phenol-d6	7.279	99	369800	120.657	ng		0.00
23) Nitrobenzene-d5	9.277	82	256171	80.777	ng		0.00
42) 2,4,6-Tribromophenol	16.226	330	174346	120.398	ng		0.00
45) 2-Fluorobiphenyl	13.359	172	541055	81.968	ng		0.00
79) Terphenyl-d14	20.086	244	981968	81.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	35862	37.784	ng	#	93
3) Pyridine	3.960	79	91768	36.659	ng	#	88
4) n-Nitrosodimethylamine	3.872	42	55147	44.486	ng		94
6) Aniline	7.438	93	111440	31.374	ng		99
8) 2-Chlorophenol	7.679	128	101092	47.115	ng		93
9) Benzaldehyde	7.244	77	78811m	43.018	ng		
10) Phenol	7.303	94	137839	45.181	ng		89
11) bis(2-Chloroethyl)ether	7.526	93	95693	43.513	ng		95
12) 1,3-Dichlorobenzene	8.002	146	110177	44.189	ng	#	95
13) 1,4-Dichlorobenzene	8.149	146	112629	44.310	ng		96
14) 1,2-Dichlorobenzene	8.472	146	108233	44.156	ng		99
15) Benzyl Alcohol	8.348	79	114621	42.074	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.636	45	153061	41.688	ng		98
17) 2-Methylphenol	8.560	107	90716	43.942	ng		95
18) Hexachloroethane	9.200	117	41955	44.015	ng		95
19) n-Nitroso-di-n-propyla...	8.918	70	90602	40.378	ng	#	96
20) 3+4-Methylphenols	8.883	107	124971	42.881	ng		95
22) Acetophenone	8.936	105	160538	44.939	ng		95
24) Nitrobenzene	9.318	77	139240	45.139	ng		90
25) Isophorone	9.841	82	244609	45.379	ng		98
26) 2-Nitrophenol	10.034	139	58035	44.993	ng		93
27) 2,4-Dimethylphenol	10.093	122	98157	53.134	ng		94
28) bis(2-Chloroethoxy)met...	10.322	93	131381	43.384	ng		100
29) 2,4-Dichlorophenol	10.575	162	106429	45.828	ng		97
30) 1,2,4-Trichlorobenzene	10.792	180	115949	44.113	ng		95
31) Naphthalene	10.980	128	306664	44.638	ng		99
32) Benzoic acid	10.246	122	57695m	47.989	ng		
33) 4-Chloroaniline	11.080	127	48741	16.567	ng		96
34) Hexachlorobutadiene	11.262	225	84504	43.280	ng		98
35) Caprolactam	11.850	113	34559m	42.217	ng		
36) 4-Chloro-3-methylphenol	12.202	107	116923	43.245	ng		96
37) 2-Methylnaphthalene	12.572	142	216664m	42.621	ng		
38) 1-Methylnaphthalene	12.789	142	211073	42.538	ng		97
40) 1,2,4,5-Tetrachloroben...	12.942	216	140620	45.488	ng		99
41) Hexachlorocyclopentadiene	12.925	237	165839	103.922	ng		93
43) 2,4,6-Trichlorophenol	13.177	196	97149	45.581	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.254	196	103070	45.381	ng		97
46) 1,1'-Biphenyl	13.571	154	298413	45.527	ng		98
47) 2-Chloronaphthalene	13.618	162	235277	44.991	ng		94
48) 2-Nitroaniline	13.812	65	88216	44.451	ng		88
49) Acenaphthylene	14.464	152	390609	47.716	ng		98
50) Dimethylphthalate	14.188	163	310556	42.659	ng		99
51) 2,6-Dinitrotoluene	14.305	165	69375	45.679	ng		89
52) Acenaphthene	14.804	154	285523m	51.433	ng		
53) 3-Nitroaniline	14.634	138	39441	24.560	ng		95
54) 2,4-Dinitrophenol	14.846	184	91298	94.477	ng	#	85
55) Dibenzofuran	15.133	168	372174	42.815	ng		97
56) 4-Nitrophenol	14.951	139	110042	89.845	ng	#	74
57) 2,4-Dinitrotoluene	15.098	165	95467	44.152	ng		96
58) Fluorene	15.785	166	305853	43.564	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.362	232	95898	43.478	ng		98
60) Diethylphthalate	15.545	149	318111	41.705	ng		99
61) 4-Chlorophenyl-phenyle...	15.768	204	166347	41.797	ng		98
62) 4-Nitroaniline	15.803	138	70475	41.588	ng	#	78
63) Azobenzene	16.062	77	318382	41.400	ng		96
65) 4,6-Dinitro-2-methylph...	15.862	198	63790	42.196	ng		96
66) n-Nitrosodiphenylamine	15.985	169	269381	43.231	ng		99
67) 4-Bromophenyl-phenylether	16.667	248	118749	42.769	ng		98
68) Hexachlorobenzene	16.796	284	133492	44.396	ng		96
69) Atrazine	16.931	200	116687	47.940	ng		98
70) Pentachlorophenol	17.137	266	151666	92.293	ng		92
71) Phenanthrene	17.524	178	511696	43.233	ng		99
72) Anthracene	17.618	178	514006	43.836	ng		99
73) Carbazole	17.883	167	476267	41.785	ng		97
74) Di-n-butylphthalate	18.435	149	540932	41.845	ng		98
75) Fluoranthene	19.533	202	647697	42.692	ng		99
77) Benzidine	19.704	184	273527	47.059	ng		99
78) Pyrene	19.892	202	649905	44.794	ng		99
80) Butylbenzylphthalate	20.767	149	236315	43.688	ng		97
81) Benzo(a)anthracene	21.748	228	619470	44.474	ng		98
82) 3,3'-Dichlorobenzidine	21.654	252	133275	26.017	ng		97
83) Chrysene	21.818	228	568371	43.968	ng		99
84) Bis(2-ethylhexyl)phtha...	21.642	149	326007	44.588	ng		100
85) Di-n-octyl phthalate	22.876	149	548536	44.859	ng		96
87) Indeno(1,2,3-cd)pyrene	28.856	276	682479	43.477	ng	#	97
88) Benzo(b)fluoranthene	24.021	252	637002m	47.784	ng		
89) Benzo(k)fluoranthene	24.092	252	607406	46.360	ng		99
90) Benzo(a)pyrene	24.914	252	607143	53.461	ng		98
91) Dibenzo(a,h)anthracene	28.921	278	594911	46.046	ng		97
92) Benzo(g,h,i)perylene	30.043	276	584571	45.906	ng		97

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

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