Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
Data File : BG053167.D
Acq On : 15 Apr 2022 16:43
Operator : CG/JU
Sample : N2430-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 18 03:15:29 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 :
E14-EB1-041322-5-10MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/18/2022
Supervised By :Jagrut Upadhyay
04/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	32516	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	131608	20.000	ng		0.00
39) Acenaphthene-d10	14.743	164	99457	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	242203	20.000	ng		0.00
76) Chrysene-d12	21.775	240	227151	20.000	ng		0.00
86) Perylene-d12	25.070	264	249380	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	209982	110.699	ng		0.00
7) Phenol-d6	7.283	99	307792	105.221	ng		0.00
23) Nitrobenzene-d5	9.280	82	209792	64.725	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	164464	103.938	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	467081	64.758	ng		0.00
79) Terphenyl-d14	20.089	244	878803	65.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	37309	41.186	ng		98
3) Pyridine	3.964	79	93179	39.000	ng	#	91
4) n-Nitrosodimethylamine	3.875	42	53924	45.577	ng		88
6) Aniline	7.435	93	105027	30.981	ng		98
8) 2-Chlorophenol	7.682	128	99563	48.619	ng		93
9) Benzaldehyde	7.247	77	79754	45.612	ng		96
10) Phenol	7.306	94	138857	47.689	ng		89
11) bis(2-Chloroethyl)ether	7.529	93	96678	46.061	ng		91
12) 1,3-Dichlorobenzene	8.005	146	109168m	45.876	ng		
13) 1,4-Dichlorobenzene	8.152	146	109512	45.141	ng		98
14) 1,2-Dichlorobenzene	8.475	146	105714	45.188	ng		99
15) Benzyl Alcohol	8.352	79	119249	45.864	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	154150	43.990	ng		97
17) 2-Methylphenol	8.563	107	93799	47.605	ng		95
18) Hexachloroethane	9.209	117	40531	44.552	ng		93
19) n-Nitroso-di-n-propyla...	8.922	70	94557	44.153	ng	#	96
20) 3+4-Methylphenols	8.886	107	129436	46.535	ng		94
22) Acetophenone	8.939	105	161121	44.128	ng	#	97
24) Nitrobenzene	9.321	77	139355	44.201	ng		91
25) Isophorone	9.844	82	254059	46.115	ng		97
26) 2-Nitrophenol	10.038	139	59565	45.182	ng		97
27) 2,4-Dimethylphenol	10.096	122	102774	54.433	ng		92
28) bis(2-Chloroethoxy)met...	10.326	93	134319	43.397	ng		98
29) 2,4-Dichlorophenol	10.578	162	112793	47.520	ng		100
30) 1,2,4-Trichlorobenzene	10.790	180	115561	43.016	ng		98
31) Naphthalene	10.984	128	305883	43.564	ng		100
32) Benzoic acid	10.243	122	67333	54.282	ng		91
33) 4-Chloroaniline	11.083	127	69120	22.987	ng		93
34) Hexachlorobutadiene	11.265	225	85629	42.910	ng		99
35) Caprolactam	11.853	113	39741m	47.500	ng		
36) 4-Chloro-3-methylphenol	12.205	107	127638	46.189	ng		96
37) 2-Methylnaphthalene	12.575	142	224463	43.202	ng		96
38) 1-Methylnaphthalene	12.793	142	218444	43.073	ng		94
40) 1,2,4,5-Tetrachloroben...	12.946	216	146155	43.268	ng		98
41) Hexachlorocyclopentadiene	12.928	237	180700	103.628	ng		91
43) 2,4,6-Trichlorophenol	13.181	196	107181	46.021	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	115432	46.512	ng		99
46) 1,1'-Biphenyl	13.574	154	315190	44.007	ng		98
47) 2-Chloronaphthalene	13.621	162	247834	43.372	ng		97
48) 2-Nitroaniline	13.821	65	99133	45.714	ng		90
49) Acenaphthylene	14.467	152	423942	47.394	ng		98
50) Dimethylphthalate	14.191	163	346757	43.590	ng		99
51) 2,6-Dinitrotoluene	14.308	165	75909	45.741	ng	#	83
52) Acenaphthene	14.808	154	312122m	51.454	ng		
53) 3-Nitroaniline	14.637	138	46729	26.629	ng		94
54) 2,4-Dinitrophenol	14.849	184	108235	102.501	ng	#	85
55) Dibenzofuran	15.137	168	410766	43.246	ng		97
56) 4-Nitrophenol	14.955	139	131988	98.620	ng	#	75
57) 2,4-Dinitrotoluene	15.096	165	109871	46.503	ng	#	87
58) Fluorene	15.789	166	340325	44.362	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.366	232	110124	45.692	ng		99
60) Diethylphthalate	15.548	149	361898	43.420	ng		100
61) 4-Chlorophenyl-phenyle...	15.771	204	190972	43.913	ng		97
62) 4-Nitroaniline	15.806	138	79882	43.139	ng	#	85
63) Azobenzene	16.065	77	364559	43.383	ng		97
65) 4,6-Dinitro-2-methylph...	15.865	198	72010	42.615	ng		97
66) n-Nitrosodiphenylamine	15.989	169	309274	44.404	ng		99
67) 4-Bromophenyl-phenylether	16.670	248	136532	43.993	ng		96
68) Hexachlorobenzene	16.799	284	151654	45.123	ng		96
69) Atrazine	16.934	200	139942	51.437	ng		98
70) Pentachlorophenol	17.140	266	189025	102.909	ng		95
71) Phenanthrene	17.528	178	592535	44.789	ng		97
72) Anthracene	17.622	178	595317	45.422	ng		99
73) Carbazole	17.886	167	560127	43.965	ng		99
74) Di-n-butylphthalate	18.432	149	633983	43.877	ng		98
75) Fluoranthene	19.537	202	735884	43.394	ng		99
77) Benzidine	19.707	184	382816	59.068	ng		99
78) Pyrene	19.895	202	736165	45.505	ng		98
80) Butylbenzylphthalate	20.770	149	263773	43.734	ng		99
81) Benzo(a)anthracene	21.751	228	697690	44.923	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	131604	23.041	ng		99
83) Chrysene	21.822	228	637756	44.246	ng		99
84) Bis(2-ethylhexyl)phtha...	21.646	149	368135	45.156	ng		99
85) Di-n-octyl phthalate	22.879	149	624244	45.783	ng		96
87) Indeno(1,2,3-cd)pyrene	28.859	276	826091	44.587	ng		99
88) Benzo(b)fluoranthene	24.025	252	715746	45.489	ng		97
89) Benzo(k)fluoranthene	24.095	252	701476	45.362	ng		99
90) Benzo(a)pyrene	24.918	252	703716	52.499	ng		98
91) Dibenzo(a,h)anthracene	28.918	278	712520	46.725	ng	#	97
92) Benzo(g,h,i)perylene	30.040	276	716763	47.689	ng		98

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

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