Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053922.D
Acq On : 15 Jun 2022 17:14
Operator : CG/JU
Sample : N3339-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB-226-(26-28)MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 16 01:22:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 15:49:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	17414	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	72052	20.000	ng	#	0.00
39) Acenaphthene-d10	14.706	164	55715	20.000	ng		0.00
64) Phenanthrene-d10	17.450	188	144900	20.000	ng	#	0.00
76) Chrysene-d12	21.727	240	162589	20.000	ng		0.00
86) Perylene-d12	24.988	264	175417	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	94176	103.397	ng		0.00
7) Phenol-d6	7.238	99	128825	104.262	ng		0.00
23) Nitrobenzene-d5	9.242	82	79945	62.352	ng		0.00
42) 2,4,6-Tribromophenol	16.193	330	98464	109.996	ng		0.00
45) 2-Fluorobiphenyl	13.331	172	242956	63.410	ng		0.00
79) Terphenyl-d14	20.053	244	539775	66.865	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.543	88	15282	38.382	ng		95
3) Pyridine	3.936	79	37327	35.132	ng		94
4) n-Nitrosodimethylamine	3.848	42	24716	52.885	ng	#	88
6) Aniline	7.403	93	66032	45.075	ng		99
8) 2-Chlorophenol	7.650	128	52729	54.219	ng		90
9) Benzaldehyde	7.215	77	29544	40.514	ng		83
10) Phenol	7.262	94	67372	53.803	ng		98
11) bis(2-Chloroethyl)ether	7.497	93	45580	47.424	ng		97
12) 1,3-Dichlorobenzene	7.979	146	58611	48.097	ng		92
13) 1,4-Dichlorobenzene	8.120	146	59217	48.376	ng		97
14) 1,2-Dichlorobenzene	8.443	146	57874	49.250	ng		97
15) Benzyl Alcohol	8.314	79	50259	54.423	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.613	45	65817	45.808	ng		98
17) 2-Methylphenol	8.519	107	45625	52.450	ng		92
18) Hexachloroethane	9.177	117	19838	48.852	ng	#	72
19) n-Nitroso-di-n-propyla...	8.883	70	40613	48.925	ng		97
20) 3+4-Methylphenols	8.848	107	62569	51.290	ng		94
22) Acetophenone	8.901	105	81331	46.438	ng	#	98
24) Nitrobenzene	9.283	77	59323	46.985	ng	#	87
25) Isophorone	9.812	82	113298	47.314	ng	#	93
26) 2-Nitrophenol	10.000	139	29764	53.372	ng		86
27) 2,4-Dimethylphenol	10.053	122	53312	59.063	ng		90
28) bis(2-Chloroethoxy)met...	10.288	93	64303	49.848	ng		99
29) 2,4-Dichlorophenol	10.534	162	63221	52.240	ng		92
30) 1,2,4-Trichlorobenzene	10.758	180	71388	47.640	ng	#	94
31) Naphthalene	10.946	128	160410	44.101	ng		100
32) Benzoic acid	10.217	122	17264m	44.865	ng		
33) 4-Chloroaniline	11.040	127	37984	25.172	ng		94
34) Hexachlorobutadiene	11.234	225	56583	49.114	ng		96
35) Caprolactam	11.804	113	18222m	54.695	ng		
36) 4-Chloro-3-methylphenol	12.156	107	60036	51.032	ng	#	82
37) 2-Methylnaphthalene	12.544	142	122252	45.427	ng		96
38) 1-Methylnaphthalene	12.761	142	118984	45.407	ng		96
40) 1,2,4,5-Tetrachloroben...	12.908	216	103471	48.197	ng	#	95
41) Hexachlorocyclopentadiene	12.896	237	129887	129.932	ng		96
43) 2,4,6-Trichlorophenol	13.143	196	61985	51.400	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.214	196	69648	51.725	ng	#	93
46) 1,1'-Biphenyl	13.543	154	180776	46.581	ng		97
47) 2-Chloronaphthalene	13.590	162	145722	46.397	ng		96
48) 2-Nitroaniline	13.778	65	42284	50.611	ng		93
49) Acenaphthylene	14.430	152	233995	47.912	ng		99
50) Dimethylphthalate	14.160	163	201853	47.571	ng	#	99
51) 2,6-Dinitrotoluene	14.271	165	45051	52.550	ng	#	75
52) Acenaphthene	14.771	154	163659m	52.571	ng		
53) 3-Nitroaniline	14.600	138	26894	32.380	ng		89
54) 2,4-Dinitrophenol	14.812	184	49358	102.196	ng	#	76
55) Dibenzofuran	15.106	168	236850	47.221	ng		95
56) 4-Nitrophenol	14.906	139	63571	107.808	ng		92
57) 2,4-Dinitrotoluene	15.059	165	62748	51.826	ng	#	85
58) Fluorene	15.752	166	191170	46.420	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.329	232	67840	51.519	ng	#	89
60) Diethylphthalate	15.517	149	193836	47.171	ng		96
61) 4-Chlorophenyl-phenyle...	15.746	204	123700	50.173	ng	#	86
62) 4-Nitroaniline	15.764	138	39825	45.979	ng	#	80
63) Azobenzene	16.034	77	151897	45.922	ng		89
65) 4,6-Dinitro-2-methylph...	15.822	198	38677	53.502	ng		79
66) n-Nitrosodiphenylamine	15.952	169	177466	46.994	ng		96
67) 4-Bromophenyl-phenylether	16.639	248	91138	50.360	ng	#	92
68) Hexachlorobenzene	16.762	284	102704	49.612	ng	#	89
69) Atrazine	16.898	200	82917	53.003	ng		95
70) Pentachlorophenol	17.103	266	107135	111.411	ng		94
71) Phenanthrene	17.491	178	342590	46.019	ng		98
72) Anthracene	17.585	178	345872	47.577	ng		98
73) Carbazole	17.849	167	298112	47.775	ng		99
74) Di-n-butylphthalate	18.408	149	335818	46.546	ng	#	97
75) Fluoranthene	19.500	202	456530	46.715	ng		97
77) Benzidine	19.671	184	266654	79.195	ng		99
78) Pyrene	19.859	202	455784	46.414	ng		98
80) Butylbenzylphthalate	20.746	149	146456	46.529	ng	#	86
81) Benzo(a)anthracene	21.710	228	497385	47.247	ng		99
82) 3,3'-Dichlorobenzidine	21.616	252	105743	33.620	ng	#	97
83) Chrysene	21.774	228	459440	45.785	ng		98
84) Bis(2-ethylhexyl)phtha...	21.616	149	214690	47.691	ng	#	94
85) Di-n-octyl phthalate	22.844	149	374016	48.339	ng		95
87) Indeno(1,2,3-cd)pyrene	28.713	276	616116	46.542	ng	#	97
88) Benzo(b)fluoranthene	23.954	252	535234m	50.182	ng		
89) Benzo(k)fluoranthene	24.025	252	499444	47.295	ng		98
90) Benzo(a)pyrene	24.835	252	505440	56.166	ng		100
91) Dibenzo(a,h)anthracene	28.784	278	533980	48.780	ng		97
92) Benzo(g,h,i)perylene	29.894	276	528890	48.958	ng	#	96

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

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