Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053924.D
Acq On : 15 Jun 2022 18:34
Operator : CG/JU
Sample : N3143-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)MSD

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

Quant Time: Jun 16 01:24:28 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	8.083	152	17496	20.000	ng		0.00
21) Naphthalene-d8	10.892	136	70525	20.000	ng	#	0.00
39) Acenaphthene-d10	14.705	164	55549	20.000	ng		0.00
64) Phenanthrene-d10	17.449	188	149015	20.000	ng	#	0.00
76) Chrysene-d12	21.726	240	170610	20.000	ng		0.00
86) Perylene-d12	24.987	264	182129	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	121605	132.886	ng		0.00
7) Phenol-d6	7.237	99	160923	129.629	ng		0.00
23) Nitrobenzene-d5	9.247	82	102196	81.432	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	125754	140.902	ng		0.00
45) 2-Fluorobiphenyl	13.330	172	300274	78.604	ng		0.00
79) Terphenyl-d14	20.057	244	684324	80.786	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.542	88	15141	37.850	ng	#	89
3) Pyridine	3.935	79	40080	37.546	ng		93
4) n-Nitrosodimethylamine	3.847	42	25462	54.226	ng	#	94
6) Aniline	7.408	93	63215	42.950	ng		98
8) 2-Chlorophenol	7.648	128	54700	55.982	ng		90
9) Benzaldehyde	7.214	77	30020	40.974	ng		79
10) Phenol	7.267	94	68432	54.393	ng		96
11) bis(2-Chloroethyl)ether	7.502	93	47119	48.795	ng		93
12) 1,3-Dichlorobenzene	7.978	146	60412	49.342	ng		92
13) 1,4-Dichlorobenzene	8.119	146	61519	50.021	ng		97
14) 1,2-Dichlorobenzene	8.442	146	59940	50.769	ng		99
15) Benzyl Alcohol	8.318	79	52045	56.093	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.612	45	67608	46.834	ng		97
17) 2-Methylphenol	8.524	107	46151	52.806	ng		92
18) Hexachloroethane	9.176	117	20656	50.628	ng	#	68
19) n-Nitroso-di-n-propyla...	8.888	70	40901	49.041	ng		98
20) 3+4-Methylphenols	8.847	107	64831	52.895	ng		96
22) Acetophenone	8.906	105	82581	48.173	ng	#	97
24) Nitrobenzene	9.288	77	61561	49.814	ng	#	90
25) Isophorone	9.811	82	115153	49.130	ng	#	93
26) 2-Nitrophenol	9.999	139	30503	55.882	ng	#	85
27) 2,4-Dimethylphenol	10.057	122	53797	60.891	ng		93
28) bis(2-Chloroethoxy)met...	10.292	93	64353	50.966	ng	#	98
29) 2,4-Dichlorophenol	10.533	162	66212	55.896	ng		89
30) 1,2,4-Trichlorobenzene	10.757	180	72807	49.639	ng	#	95
31) Naphthalene	10.945	128	164677	46.254	ng		99
32) Benzoic acid	10.228	122	18421m	47.892	ng		
33) 4-Chloroaniline	11.044	127	36048	24.406	ng		92
34) Hexachlorobutadiene	11.238	225	57992	51.427	ng		97
35) Caprolactam	11.808	113	18319m	56.176	ng		
36) 4-Chloro-3-methylphenol	12.161	107	62703	54.453	ng	#	86
37) 2-Methylnaphthalene	12.543	142	123604	46.924	ng		98
38) 1-Methylnaphthalene	12.760	142	120474	46.971	ng		99
40) 1,2,4,5-Tetrachloroben...	12.913	216	104834	48.978	ng		97
41) Hexachlorocyclopentadiene	12.895	237	130301	130.735	ng		97
43) 2,4,6-Trichlorophenol	13.142	196	63852	53.107	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.213	196	70052	52.181	ng	#	92
46) 1,1'-Biphenyl	13.542	154	184337	47.641	ng		98
47) 2-Chloronaphthalene	13.589	162	147696	47.166	ng		96
48) 2-Nitroaniline	13.782	65	43451	52.163	ng		92
49) Acenaphthylene	14.429	152	239778	49.243	ng		98
50) Dimethylphthalate	14.158	163	205501	48.576	ng		99
51) 2,6-Dinitrotoluene	14.270	165	46156	54.000	ng	#	75
52) Acenaphthene	14.770	154	167096m	53.835	ng		
53) 3-Nitroaniline	14.599	138	26527	32.034	ng		95
54) 2,4-Dinitrophenol	14.811	184	50574	104.832	ng	#	77
55) Dibenzofuran	15.104	168	240345	48.061	ng		95
56) 4-Nitrophenol	14.905	139	66525	113.155	ng		89
57) 2,4-Dinitrotoluene	15.057	165	65758	54.474	ng		88
58) Fluorene	15.751	166	197440	48.086	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.328	232	68506	52.180	ng	#	90
60) Diethylphthalate	15.516	149	200125	48.847	ng		96
61) 4-Chlorophenyl-phenyle...	15.739	204	125891	51.214	ng	#	88
62) 4-Nitroaniline	15.762	138	41930	48.554	ng	#	79
63) Azobenzene	16.033	77	155075	47.023	ng		89
65) 4,6-Dinitro-2-methylph...	15.821	198	39976	53.772	ng		82
66) n-Nitrosodiphenylamine	15.956	169	183035	47.130	ng		96
67) 4-Bromophenyl-phenylether	16.638	248	94527	50.790	ng	#	90
68) Hexachlorobenzene	16.761	284	105843	49.717	ng	#	91
69) Atrazine	16.896	200	87479	54.375	ng		93
70) Pentachlorophenol	17.102	266	113094	114.361	ng		95
71) Phenanthrene	17.496	178	354211	46.266	ng		98
72) Anthracene	17.584	178	364269	48.724	ng		98
73) Carbazole	17.848	167	313057	48.784	ng		98
74) Di-n-butylphthalate	18.406	149	354636	47.797	ng	#	98
75) Fluoranthene	19.499	202	481183	47.878	ng		96
77) Benzidine	19.670	184	248394	70.304	ng		98
78) Pyrene	19.864	202	480911	46.670	ng		98
80) Butylbenzylphthalate	20.745	149	155571	47.102	ng	#	85
81) Benzo(a)anthracene	21.708	228	521781	47.234	ng		98
82) 3,3'-Dichlorobenzidine	21.614	252	106769	32.350	ng	#	97
83) Chrysene	21.773	228	482125	45.787	ng		97
84) Bis(2-ethylhexyl)phtha...	21.614	149	226498	47.948	ng	#	93
85) Di-n-octyl phthalate	22.842	149	396087	48.785	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.718	276	654759	47.639	ng	#	97
88) Benzo(b)fluoranthene	23.953	252	565508m	51.067	ng		
89) Benzo(k)fluoranthene	24.023	252	531306	48.458	ng		99
90) Benzo(a)pyrene	24.834	252	541026	57.905	ng		100
91) Dibenzo(a,h)anthracene	28.783	278	564069	49.630	ng	#	97
92) Benzo(g,h,i)perylene	29.881	276	559635	49.895	ng		94

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

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