Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055228.D
Acq On : 20 Oct 2022 20:36
Operator : CG/JU
Sample : N5184-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Quant Time: Oct 21 03:07:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	60163	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	250261	20.000	ng	0.00
39) Acenaphthene-d10	14.903	164	140529	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	260070	20.000	ng	0.00
76) Chrysene-d12	21.924	240	229051	20.000	ng	0.00
86) Perylene-d12	25.350	264	202001	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	352816	105.508	ng	0.00
7) Phenol-d6	7.436	99	495366	97.216	ng	0.01
23) Nitrobenzene-d5	9.463	82	319106	61.559	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	111533	76.594	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	541515	61.551	ng	0.00
79) Terphenyl-d14	20.209	244	630124	51.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	51694	31.788	ng	99
3) Pyridine	4.045	79	142442	27.816	ng	96
4) n-Nitrosodimethylamine	3.951	42	81222	33.896	ng	98
6) Aniline	7.606	93	104335	15.794	ng	99
8) 2-Chlorophenol	7.853	128	165399	40.909	ng	99
9) Benzaldehyde	7.418	77	94912	26.796	ng	98
10) Phenol	7.459	94	224909	39.069	ng	99
11) bis(2-Chloroethyl)ether	7.694	93	169570	38.258	ng	98
12) 1,3-Dichlorobenzene	8.182	146	176844	40.322	ng	97
13) 1,4-Dichlorobenzene	8.329	146	176881	39.482	ng	99
14) 1,2-Dichlorobenzene	8.652	146	173996	40.760	ng	98
15) Benzyl Alcohol	8.523	79	154068m	35.206	ng	
16) 2,2'-oxybis(1-Chloropr...	8.810	45	288486	36.115	ng	99
17) 2-Methylphenol	8.728	107	150836	37.853	ng	97
18) Hexachloroethane	9.386	117	57618	35.532	ng	94
19) n-Nitroso-di-n-propyla...	9.092	70	141453	32.367	ng	99
20) 3+4-Methylphenols	9.057	107	200975	35.884	ng	98
22) Acetophenone	9.116	105	257762	38.077	ng	99
24) Nitrobenzene	9.510	77	203054	36.633	ng	97
25) Isophorone	10.027	82	370519	34.936	ng	98
26) 2-Nitrophenol	10.221	139	78799	36.138	ng	97
27) 2,4-Dimethylphenol	10.268	122	161061m	46.384	ng	
28) bis(2-Chloroethoxy)met...	10.503	93	219595	43.088	ng	99
29) 2,4-Dichlorophenol	10.761	162	144585	38.999	ng	98
30) 1,2,4-Trichlorobenzene	10.978	180	151122	39.813	ng	97
31) Naphthalene	11.172	128	515310	39.022	ng	99
32) Benzoic acid	10.391	122	60994	24.540	ng	95
33) 4-Chloroaniline	11.272	127	106557	19.595	ng	98
34) Hexachlorobutadiene	11.448	225	89215	38.923	ng	97
35) Caprolactam	12.048	113	48167	29.564	ng	97
36) 4-Chloro-3-methylphenol	12.371	107	164355	34.094	ng	98
37) 2-Methylnaphthalene	12.753	142	344101	34.258	ng	99
38) 1-Methylnaphthalene	12.970	142	326895	32.966	ng	100
40) 1,2,4,5-Tetrachloroben...	13.117	216	153554	46.487	ng	98
41) Hexachlorocyclopentadiene	13.094	237	11611	7.719	ng	98
43) 2,4,6-Trichlorophenol	13.346	196	104202	41.448	ng	100

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44) 2,4,5-Trichlorophenol	13.423	196	107240	38.881	ng		99
46) 1,1'-Biphenyl	13.746	154	426202	42.831	ng		99
47) 2-Chloronaphthalene	13.793	162	314926	41.108	ng		99
48) 2-Nitroaniline	13.987	65	124465	40.035	ng		98
49) Acenaphthylene	14.633	152	502616	38.352	ng		99
50) Dimethylphthalate	14.345	163	381856	34.545	ng		99
51) 2,6-Dinitrotoluene	14.469	165	79050	35.641	ng		93
52) Acenaphthene	14.968	154	311811	37.369	ng		99
53) 3-Nitroaniline	14.798	138	84786	30.689	ng		99
54) 2,4-Dinitrophenol	15.009	184	3244	2.901	ng	#	77
55) Dibenzofuran	15.297	168	484975	40.351	ng		99
56) 4-Nitrophenol	15.097	139	149014	76.708	ng		98
57) 2,4-Dinitrotoluene	15.250	165	101101	32.600	ng	#	99
58) Fluorene	15.943	166	395798	39.104	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.520	232	82797	34.472	ng	#	97
60) Diethylphthalate	15.691	149	396504	34.288	ng		100
61) 4-Chlorophenyl-phenyle...	15.926	204	175341	37.323	ng		100
62) 4-Nitroaniline	15.955	138	100110	35.721	ng		99
63) Azobenzene	16.219	77	417500	35.722	ng		98
65) 4,6-Dinitro-2-methylph...	16.014	198	3193	2.298	ng	#	14
66) n-Nitrosodiphenylamine	16.137	169	318790	43.921	ng		100
67) 4-Bromophenyl-phenylether	16.819	248	106041	41.833	ng		97
68) Hexachlorobenzene	16.948	284	109659	39.527	ng		99
69) Atrazine	17.077	200	112532	47.040	ng		99
70) Pentachlorophenol	17.289	266	101910	68.065	ng		95
71) Phenanthrene	17.682	178	967266	69.699	ng		98
72) Anthracene	17.771	178	664178	48.976	ng		99
73) Carbazole	18.035	167	564965	45.239	ng		99
74) Di-n-butylphthalate	18.570	149	647385	39.744	ng		100
75) Fluoranthene	19.674	202	1158565	75.366	ng		97
77) Benzidine	19.839	184	74781	12.839	ng	#	93
78) Pyrene	20.033	202	1081028	62.635	ng		97
80) Butylbenzylphthalate	20.890	149	285452	35.385	ng		98
81) Benzo(a)anthracene	21.907	228	815368	54.880	ng		97
82) 3,3'-Dichlorobenzidine	21.807	252	117246	22.983	ng		99
83) Chrysene	21.977	228	746935	53.985	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	420544	39.842	ng		98
85) Di-n-octyl phthalate	23.053	149	705071	44.803	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.298	276	404758	28.809	ng		96
88) Benzo(b)fluoranthene	24.263	252	712003	59.356	ng	#	91
89) Benzo(k)fluoranthene	24.333	252	688162	56.645	ng	#	94
90) Benzo(a)pyrene	25.197	252	583363	56.660	ng	#	92
91) Dibenzo(a,h)anthracene	29.369	278	315851	27.441	ng	#	89
92) Benzo(g,h,i)perylene	30.544	276	300097	26.914	ng	#	89

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

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