Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053612.D
Acq On : 18 May 2022 20:44
Operator : CG/JU
Sample : N2776-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

Quant Time: May 19 05:12:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	25192	20.000	ng		-0.01
21) Naphthalene-d8	10.889	136	100404	20.000	ng		0.00
39) Acenaphthene-d10	14.707	164	81278	20.000	ng		0.00
64) Phenanthrene-d10	17.451	188	206460	20.000	ng		0.00
76) Chrysene-d12	21.733	240	200185	20.000	ng		0.00
86) Perylene-d12	25.011	264	210052	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	141104	95.059	ng		0.00
7) Phenol-d6	7.241	99	149735	66.467	ng		0.00
23) Nitrobenzene-d5	9.244	82	222706	94.421	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	171912	143.409	ng		0.00
45) 2-Fluorobiphenyl	13.327	172	499658	89.832	ng		0.00
79) Terphenyl-d14	20.059	244	1024827	95.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	19890	25.538	ng	#	95
3) Pyridine	3.922	79	39084m	20.549	ng		
4) n-Nitrosodimethylamine	3.834	42	27214	29.372	ng		100
6) Aniline	7.400	93	78982	31.655	ng		96
8) 2-Chlorophenol	7.646	128	69395	44.719	ng		98
9) Benzaldehyde	7.212	77	75253m	52.582	ng		
10) Phenol	7.270	94	53313	24.197	ng		93
11) bis(2-Chloroethyl)ether	7.488	93	76940	46.822	ng		97
12) 1,3-Dichlorobenzene	7.969	146	79327	43.333	ng		88
13) 1,4-Dichlorobenzene	8.110	146	79857	43.228	ng		98
14) 1,2-Dichlorobenzene	8.434	146	76423	44.055	ng		96
15) Benzyl Alcohol	8.316	79	62166	33.007	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.604	45	121447	45.410	ng		99
17) 2-Methylphenol	8.522	107	59713	40.098	ng		97
18) Hexachloroethane	9.162	117	29940	42.679	ng		98
19) n-Nitroso-di-n-propyla...	8.880	70	72747	45.007	ng		98
20) 3+4-Methylphenols	8.851	107	77857	37.018	ng		98
22) Acetophenone	8.898	105	128694	46.833	ng	#	98
24) Nitrobenzene	9.285	77	112593	49.321	ng		98
25) Isophorone	9.802	82	208573	52.544	ng		100
26) 2-Nitrophenol	9.996	139	45378	49.078	ng		96
27) 2,4-Dimethylphenol	10.055	122	73163	52.580	ng		96
28) bis(2-Chloroethoxy)met...	10.284	93	107201	46.956	ng		97
29) 2,4-Dichlorophenol	10.548	162	85884	51.140	ng		92
30) 1,2,4-Trichlorobenzene	10.754	180	87270	45.737	ng		96
31) Naphthalene	10.942	128	240041	47.000	ng		99
32) Benzoic acid	10.219	122	16399m	24.007	ng		
33) 4-Chloroaniline	11.059	127	28081	13.129	ng	#	91
34) Hexachlorobutadiene	11.224	225	61621	43.552	ng		96
35) Caprolactam	11.829	113	9708m	15.907	ng		
36) 4-Chloro-3-methylphenol	12.170	107	94543	47.064	ng		97
37) 2-Methylnaphthalene	12.540	142	180591	47.381	ng		98
38) 1-Methylnaphthalene	12.757	142	172794m	46.466	ng		
40) 1,2,4,5-Tetrachloroben...	12.910	216	116644	45.529	ng		99
41) Hexachlorocyclopentadiene	12.886	237	99104	93.314	ng		97
43) 2,4,6-Trichlorophenol	13.145	196	80371	48.059	ng		97

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Quant Time: May 19 05:12:55 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.227	196	87574	49.203	ng	100
46) 1,1'-Biphenyl	13.538	154	255860	46.182	ng	100
47) 2-Chloronaphthalene	13.585	162	200489	46.189	ng	100
48) 2-Nitroaniline	13.785	65	81474	50.373	ng	99
49) Acenaphthylene	14.431	152	340682	49.185	ng	99
50) Dimethylphthalate	14.155	163	293409	47.505	ng	99
51) 2,6-Dinitrotoluene	14.279	165	63817	50.716	ng	98
52) Acenaphthene	14.772	154	194718	47.172	ng	98
53) 3-Nitroaniline	14.608	138	33554	24.679	ng	97
54) 2,4-Dinitrophenol	14.825	184	54423	69.062	ng	95
55) Dibenzofuran	15.101	168	339579	45.800	ng	98
56) 4-Nitrophenol	14.937	139	52002	53.550	ng	89
57) 2,4-Dinitrotoluene	15.072	165	89892	49.284	ng	89
58) Fluorene	15.753	166	280280	47.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.336	232	85608	47.405	ng	99
60) Diethylphthalate	15.512	149	300795	47.147	ng	98
61) 4-Chlorophenyl-phenyle...	15.741	204	157330	47.387	ng	96
62) 4-Nitroaniline	15.777	138	61319	43.483	ng	98
63) Azobenzene	16.035	77	303267	46.420	ng	98
65) 4,6-Dinitro-2-methylph...	15.841	198	53399	43.405	ng	97
66) n-Nitrosodiphenylamine	15.953	169	252932	46.661	ng	98
67) 4-Bromophenyl-phenylether	16.634	248	112981	46.856	ng	97
68) Hexachlorobenzene	16.763	284	123535	46.781	ng	97
69) Atrazine	16.899	200	109868	48.146	ng	96
70) Pentachlorophenol	17.110	266	120556	84.495	ng	96
71) Phenanthrene	17.498	178	486284	46.321	ng	97
72) Anthracene	17.586	178	484762	46.979	ng	100
73) Carbazole	17.856	167	447514	44.252	ng	99
74) Di-n-butylphthalate	18.402	149	526848	46.322	ng	99
75) Fluoranthene	19.501	202	616131	45.327	ng	97
77) Benzidine	19.677	184	191437	44.368	ng	98
78) Pyrene	19.865	202	615841	47.522	ng	100
80) Butylbenzylphthalate	20.740	149	225868	47.531	ng	100
81) Benzo(a)anthracene	21.716	228	603576	47.272	ng	99
82) 3,3'-Dichlorobenzidine	21.622	252	130750	40.381	ng	97
83) Chrysene	21.780	228	546654	45.841	ng	99
84) Bis(2-ethylhexyl)phtha...	21.604	149	319430	48.702	ng	98
85) Di-n-octyl phthalate	22.826	149	540183	48.705	ng	100
87) Indeno(1,2,3-cd)pyrene	28.771	276	671655	45.910	ng	99
88) Benzo(b)fluoranthene	23.971	252	632664	50.885	ng	99
89) Benzo(k)fluoranthene	24.042	252	588139	48.138	ng	98
90) Benzo(a)pyrene	24.858	252	586784	55.448	ng	98
91) Dibenzo(a,h)anthracene	28.829	278	583174	48.377	ng	97
92) Benzo(g,h,i)perylene	29.946	276	575961	48.201	ng	95

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

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