Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
Data File : BG053820.D
Acq On : 3 Jun 2022 19:37
Operator : CG/JU
Sample : N3143-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

Quant Time: Jun 04 03:06:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	31377	20.000	ng		0.00
21) Naphthalene-d8	10.908	136	120074	20.000	ng		0.00
39) Acenaphthene-d10	14.715	164	80402	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	179013	20.000	ng		0.00
76) Chrysene-d12	21.736	240	188017	20.000	ng		0.00
86) Perylene-d12	25.003	264	194658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	128298	75.087	ng		0.00
7) Phenol-d6	7.241	99	108618	46.928	ng		0.00
23) Nitrobenzene-d5	9.251	82	207627	113.551	ng		0.00
42) 2,4,6-Tribromophenol	16.202	330	146488	150.095	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	510129	94.918	ng		0.00
79) Terphenyl-d14	20.068	244	911954	96.494	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	16039	19.413	ng		90
3) Pyridine	3.951	79	36754	18.353	ng		92
4) n-Nitrosodimethylamine	3.863	42	23713	26.225	ng		97
6) Aniline	7.412	93	87400	31.026	ng		100
8) 2-Chlorophenol	7.659	128	78238	44.731	ng		96
9) Benzaldehyde	7.224	77	62846	40.720	ng		86
10) Phenol	7.271	94	41735	17.450	ng		92
11) bis(2-Chloroethyl)ether	7.506	93	90210	47.955	ng		98
12) 1,3-Dichlorobenzene	7.982	146	98507	44.257	ng		92
13) 1,4-Dichlorobenzene	8.129	146	98090	43.334	ng		98
14) 1,2-Dichlorobenzene	8.452	146	96214	44.368	ng		99
15) Benzyl Alcohol	8.323	79	63506	36.656	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	146217	44.303	ng		98
17) 2-Methylphenol	8.528	107	57244	35.015	ng	#	90
18) Hexachloroethane	9.186	117	33379	44.568	ng	#	87
19) n-Nitroso-di-n-propyla...	8.898	70	73819	45.031	ng		93
20) 3+4-Methylphenols	8.851	107	71071	31.998	ng		95
22) Acetophenone	8.910	105	145954	49.226	ng	#	98
24) Nitrobenzene	9.292	77	105413	51.629	ng	#	89
25) Isophorone	9.821	82	201480	49.162	ng	#	95
26) 2-Nitrophenol	10.009	139	46794	69.351	ng	#	83
27) 2,4-Dimethylphenol	10.062	122	78431	53.234	ng		93
28) bis(2-Chloroethoxy)met...	10.303	93	119005	53.436	ng		98
29) 2,4-Dichlorophenol	10.543	162	91621	51.777	ng		93
30) 1,2,4-Trichlorobenzene	10.767	180	107100	47.820	ng		95
31) Naphthalene	10.955	128	277993	45.236	ng		99
32) Benzoic acid	10.167	122	21188	27.289	ng	#	80
33) 4-Chloroaniline	11.049	127	78853	30.950	ng		93
34) Hexachlorobutadiene	11.249	225	75409	47.526	ng		94
35) Caprolactam	11.871	113	4201m	8.307	ng		
36) 4-Chloro-3-methylphenol	12.159	107	85693	45.501	ng		92
37) 2-Methylnaphthalene	12.553	142	202874	45.506	ng		94
38) 1-Methylnaphthalene	12.770	142	192294	44.108	ng		100
40) 1,2,4,5-Tetrachloroben...	12.917	216	141548	52.427	ng		96
41) Hexachlorocyclopentadiene	12.905	237	41657	30.353	ng		96
43) 2,4,6-Trichlorophenol	13.146	196	83723	57.178	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	88514	54.330	ng	#	92
46) 1,1'-Biphenyl	13.552	154	280027	48.869	ng		99
47) 2-Chloronaphthalene	13.599	162	215597	48.362	ng		98
48) 2-Nitroaniline	13.787	65	64683	56.086	ng		89
49) Acenaphthylene	14.439	152	349917	48.928	ng		99
50) Dimethylphthalate	14.169	163	272392	46.229	ng		100
51) 2,6-Dinitrotoluene	14.280	165	58530	54.806	ng	#	82
52) Acenaphthene	14.780	154	220351	48.496	ng		99
53) 3-Nitroaniline	14.609	138	46058	40.757	ng		91
54) 2,4-Dinitrophenol	14.815	184	33968	65.836	ng	#	78
55) Dibenzofuran	15.115	168	332858	45.954	ng		95
56) 4-Nitrophenol	14.903	139	37928	42.654	ng	#	90
57) 2,4-Dinitrotoluene	15.068	165	80217	55.070	ng		89
58) Fluorene	15.761	166	265964	44.347	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	80120m	45.305	ng		
60) Diethylphthalate	15.526	149	268110	44.928	ng		99
61) 4-Chlorophenyl-phenyle...	15.755	204	152155	47.060	ng		92
62) 4-Nitroaniline	15.767	138	52225	42.475	ng	#	73
63) Azobenzene	16.043	77	239625	42.914	ng		94
65) 4,6-Dinitro-2-methylph...	15.831	198	28029	41.722	ng		89
66) n-Nitrosodiphenylamine	15.961	169	243946	51.246	ng		97
67) 4-Bromophenyl-phenylether	16.648	248	104090	53.516	ng		95
68) Hexachlorobenzene	16.766	284	111857	51.594	ng		97
69) Atrazine	16.912	200	97084	52.089	ng		97
70) Pentachlorophenol	17.106	266	127063	91.413	ng		98
71) Phenanthrene	17.500	178	444303	47.154	ng		97
72) Anthracene	17.594	178	446677	48.437	ng		99
73) Carbazole	17.858	167	407516	48.957	ng		98
74) Di-n-butylphthalate	18.422	149	461718	48.236	ng		98
75) Fluoranthene	19.515	202	549550	44.966	ng		96
77) Benzidine	19.686	184	237051	51.560	ng		96
78) Pyrene	19.868	202	560931	46.912	ng		98
80) Butylbenzylphthalate	20.755	149	207149	53.121	ng		93
81) Benzo(a)anthracene	21.719	228	594541	47.631	ng		98
82) 3,3'-Dichlorobenzidine	21.630	252	202450	57.544	ng		97
83) Chrysene	21.789	228	540925	45.910	ng		97
84) Bis(2-ethylhexyl)phtha...	21.630	149	304365	54.277	ng		96
85) Di-n-octyl phthalate	22.864	149	524328	56.225	ng		98
87) Indeno(1,2,3-cd)pyrene	28.746	276	652330	45.465	ng	#	97
88) Benzo(b)fluoranthene	23.969	252	600295	49.673	ng	#	98
89) Benzo(k)fluoranthene	24.039	252	566352	47.412	ng		98
90) Benzo(a)pyrene	24.856	252	575373	56.296	ng	#	98
91) Dibenzo(a,h)anthracene	28.822	278	570811	48.144	ng		97
92) Benzo(g,h,i)perylene	29.915	276	522071	44.672	ng		96

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

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