Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052595.D
Acq On : 7 Mar 2022 18:10
Operator : CG/JU
Sample : N1730-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 01:29:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.218	152	28907	20.000	ng		0.00
21) Naphthalene-d8	11.062	136	118883	20.000	ng	#	0.00
39) Acenaphthene-d10	14.868	164	82436	20.000	ng		0.00
64) Phenanthrene-d10	17.617	188	199744	20.000	ng		0.00
76) Chrysene-d12	21.935	240	208782	20.000	ng	#	0.00
86) Perylene-d12	25.401	264	226475	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	174912	103.088	ng		0.00
7) Phenol-d6	7.372	99	242255	101.611	ng		0.00
23) Nitrobenzene-d5	9.393	82	162978	62.498	ng		0.00
42) 2,4,6-Tribromophenol	16.354	330	113869	96.112	ng		0.00
45) 2-Fluorobiphenyl	13.488	172	355025	59.385	ng		0.00
79) Terphenyl-d14	20.208	244	653156	56.023	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.578	88	34086	44.335	ng	#	88
3) Pyridine	3.989	79	84570	40.709	ng		91
4) n-Nitrosodimethylamine	3.901	42	47554	48.004	ng	#	72
6) Aniline	7.537	93	54630	19.762	ng		92
8) 2-Chlorophenol	7.784	128	98505	55.297	ng		90
9) Benzaldehyde	7.343	77	68590m	47.963	ng		
10) Phenol	7.402	94	132929	55.952	ng		93
11) bis(2-Chloroethyl)ether	7.625	93	89450	48.793	ng		95
12) 1,3-Dichlorobenzene	8.113	146	104808	49.955	ng		93
13) 1,4-Dichlorobenzene	8.259	146	104805	49.580	ng		95
14) 1,2-Dichlorobenzene	8.583	146	101947	49.509	ng		92
15) Benzyl Alcohol	8.453	79	95609	51.447	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.747	45	116995	47.353	ng		98
17) 2-Methylphenol	8.665	107	85076	53.964	ng	#	90
18) Hexachloroethane	9.323	117	35954	48.318	ng		91
19) n-Nitroso-di-n-propyla...	9.023	70	80000	49.284	ng		92
20) 3+4-Methylphenols	8.994	107	114318	53.050	ng		94
22) Acetophenone	9.047	105	139896	45.634	ng	#	93
24) Nitrobenzene	9.440	77	118455	48.022	ng	#	90
25) Isophorone	9.963	82	217651	49.485	ng		99
26) 2-Nitrophenol	10.157	139	53885	48.852	ng		90
27) 2,4-Dimethylphenol	10.210	122	94332	59.254	ng		90
28) bis(2-Chloroethoxy)met...	10.439	93	121627	46.066	ng		99
29) 2,4-Dichlorophenol	10.703	162	98787	52.525	ng		99
30) 1,2,4-Trichlorobenzene	10.921	180	107098	46.505	ng		98
31) Naphthalene	11.109	128	290097	46.513	ng		95
32) Benzoic acid	10.368	122	42841m	54.627	ng		
33) 4-Chloroaniline	11.214	127	28139	11.149	ng		95
34) Hexachlorobutadiene	11.396	225	68174	43.300	ng		96
35) Caprolactam	11.978	113	32247m	48.228	ng		
36) 4-Chloro-3-methylphenol	12.330	107	107853	51.485	ng		98
37) 2-Methylnaphthalene	12.706	142	210005	46.178	ng		97
38) 1-Methylnaphthalene	12.924	142	203701	45.971	ng		99
40) 1,2,4,5-Tetrachloroben...	13.071	216	127837	46.745	ng		99
41) Hexachlorocyclopentadiene	13.053	237	121167	95.131	ng		96
43) 2,4,6-Trichlorophenol	13.306	196	85039	49.880	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	93403	50.732	ng	#	92
46) 1,1'-Biphenyl	13.699	154	292852	48.200	ng		99
47) 2-Chloronaphthalene	13.752	162	227995	48.437	ng		96
48) 2-Nitroaniline	13.946	65	77298	49.976	ng		93
49) Acenaphthylene	14.592	152	380745	50.315	ng		99
50) Dimethylphthalate	14.310	163	299656	47.198	ng		99
51) 2,6-Dinitrotoluene	14.428	165	68163	49.463	ng	#	87
52) Acenaphthene	14.933	154	263227m	53.555	ng		
53) 3-Nitroaniline	14.762	138	20060	13.787	ng		98
54) 2,4-Dinitrophenol	14.974	184	80398	93.484	ng		95
55) Dibenzofuran	15.268	168	351509	45.243	ng		97
56) 4-Nitrophenol	15.080	139	108678	109.843	ng	#	75
57) 2,4-Dinitrotoluene	15.221	165	95719	49.108	ng	#	86
58) Fluorene	15.914	166	293997	46.767	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	84450	47.975	ng		99
60) Diethylphthalate	15.661	149	303605	46.866	ng		97
61) 4-Chlorophenyl-phenyle...	15.896	204	164500	46.640	ng		98
62) 4-Nitroaniline	15.926	138	65898	43.450	ng		87
63) Azobenzene	16.190	77	285730	45.182	ng		93
65) 4,6-Dinitro-2-methylph...	15.990	198	57365	47.009	ng		88
66) n-Nitrosodiphenylamine	16.108	169	269885	48.650	ng		97
67) 4-Bromophenyl-phenylether	16.795	248	109928	45.538	ng		97
68) Hexachlorobenzene	16.924	284	122842	47.069	ng		93
69) Atrazine	17.053	200	111384	52.685	ng		94
70) Pentachlorophenol	17.271	266	132972	97.092	ng		97
71) Phenanthrene	17.658	178	486455	46.857	ng		97
72) Anthracene	17.752	178	490816	47.904	ng		99
73) Carbazole	18.017	167	465288	46.192	ng		98
74) Di-n-butylphthalate	18.557	149	533711	47.549	ng		98
75) Fluoranthene	19.662	202	632825	47.283	ng		98
77) Benzidine	19.832	184	224586	50.307	ng		99
78) Pyrene	20.026	202	639306	46.488	ng		98
80) Butylbenzylphthalate	20.889	149	251072	49.191	ng		93
81) Benzo(a)anthracene	21.912	228	668449	48.129	ng		99
82) 3,3'-Dichlorobenzidine	21.812	252	108033	21.951	ng		99
83) Chrysene	21.982	228	613014	46.500	ng		99
84) Bis(2-ethylhexyl)phtha...	21.788	149	356666	50.114	ng		99
85) Di-n-octyl phthalate	23.075	149	604180	50.899	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.401	276	759820	45.959	ng	#	93
88) Benzo(b)fluoranthene	24.291	252	704635	49.634	ng		98
89) Benzo(k)fluoranthene	24.367	252	680175	48.229	ng		96
90) Benzo(a)pyrene	25.242	252	676203	56.621	ng		99
91) Dibenzo(a,h)anthracene	29.466	278	664054	48.752	ng		98
92) Benzo(g,h,i)perylene	30.659	276	653222	48.653	ng	#	96

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

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