Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049624.D
Acq On : 3 Aug 2021 15:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG080321

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:31 PM

Quant Time: Aug 03 15:57:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	26676	20.000	ng		0.00
21) Naphthalene-d8	10.874	136	99008	20.000	ng	#	0.00
39) Acenaphthene-d10	14.698	164	68317	20.000	ng		0.00
64) Phenanthrene-d10	17.453	188	153069	20.000	ng	#	0.00
76) Chrysene-d12	21.736	240	141675	20.000	ng		0.00
86) Perylene-d12	25.008	264	157934	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	120246	80.804	ng		0.00
7) Phenol-d6	7.208	99	178272	79.140	ng		0.00
23) Nitrobenzene-d5	9.223	82	182575	81.601	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	84104	83.755	ng		0.00
45) 2-Fluorobiphenyl	13.323	172	387479	82.529	ng		0.00
79) Terphenyl-d14	20.061	244	650438	83.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.460	88	25096	38.592	ng		97
3) Pyridine	3.872	79	68211	38.266	ng		92
4) n-Nitrosodimethylamine	3.783	42	37844	39.482	ng	#	73
6) Aniline	7.367	93	98465	41.244	ng		96
8) 2-Chlorophenol	7.614	128	64624	39.831	ng		95
9) Benzaldehyde	7.185	77	57636	38.346	ng		89
10) Phenol	7.232	94	87304	39.999	ng		91
11) bis(2-Chloroethyl)ether	7.467	93	56524	38.354	ng		90
12) 1,3-Dichlorobenzene	7.942	146	72755	39.154	ng		97
13) 1,4-Dichlorobenzene	8.089	146	74467	39.591	ng		97
14) 1,2-Dichlorobenzene	8.407	146	66759	37.466	ng		95
15) Benzyl Alcohol	8.289	79	75586	39.955	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.583	45	65140	38.900	ng		95
17) 2-Methylphenol	8.495	107	59290	41.251	ng		97
18) Hexachloroethane	9.141	117	28202	39.005	ng		97
19) n-Nitroso-di-n-propyla...	8.859	70	58673	38.923	ng	#	95
20) 3+4-Methylphenols	8.824	107	79890	39.577	ng		96
22) Acetophenone	8.877	105	110955	41.249	ng	#	99
24) Nitrobenzene	9.264	77	95466	40.436	ng		97
25) Isophorone	9.787	82	166770	41.771	ng		97
26) 2-Nitrophenol	9.981	139	37807	41.961	ng		89
27) 2,4-Dimethylphenol	10.034	122	56726	42.597	ng		92
28) bis(2-Chloroethoxy)met...	10.269	93	72985	41.789	ng	#	91
29) 2,4-Dichlorophenol	10.515	162	67425	41.259	ng		99
30) 1,2,4-Trichlorobenzene	10.733	180	72611	40.354	ng		98
31) Naphthalene	10.927	128	211202	40.731	ng		96
32) Benzoic acid	10.187	122	37196	40.425	ng	#	83
33) 4-Chloroaniline	11.032	127	86979	42.489	ng		98
34) Hexachlorobutadiene	11.209	225	54235	41.478	ng		91
35) Caprolactam	11.802	113	21391	42.365	ng		90
36) 4-Chloro-3-methylphenol	12.154	107	80765	42.786	ng	#	92
37) 2-Methylnaphthalene	12.530	142	158921	40.685	ng		91
38) 1-Methylnaphthalene	12.748	142	149263	40.659	ng		92
40) 1,2,4,5-Tetrachloroben...	12.895	216	85497	42.474	ng		98
41) Hexachlorocyclopentadiene	12.877	237	35696	35.026	ng		95
43) 2,4,6-Trichlorophenol	13.135	196	58443	43.066	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	59112	40.151	ng		92
46) 1,1'-Biphenyl	13.535	154	201472	41.406	ng		99
47) 2-Chloronaphthalene	13.582	162	159639	41.077	ng		98
48) 2-Nitroaniline	13.782	65	59412	41.633	ng		94
49) Acenaphthylene	14.422	152	257162	41.750	ng		94
50) Dimethylphthalate	14.152	163	215688	41.845	ng		100
51) 2,6-Dinitrotoluene	14.275	165	46036	40.565	ng		98
52) Acenaphthene	14.769	154	152221	41.024	ng		91
53) 3-Nitroaniline	14.604	138	46778	42.267	ng		93
54) 2,4-Dinitrophenol	14.816	184	27638	42.898	ng		97
55) Dibenzofuran	15.098	168	248572	41.295	ng		95
56) 4-Nitrophenol	14.915	139	36897	45.634	ng		95
57) 2,4-Dinitrotoluene	15.062	165	69618	43.676	ng		95
58) Fluorene	15.750	166	200744	41.030	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.327	232	57606m	42.129	ng		
60) Diethylphthalate	15.515	149	217928	42.038	ng		96
61) 4-Chlorophenyl-phenyle...	15.738	204	108656	41.609	ng		95
62) 4-Nitroaniline	15.773	138	49147	43.171	ng		93
63) Azobenzene	16.032	77	226788	41.332	ng		87
65) 4,6-Dinitro-2-methylph...	15.826	198	41620	42.301	ng		93
66) n-Nitrosodiphenylamine	15.955	169	173204	40.047	ng		96
67) 4-Bromophenyl-phenylether	16.637	248	69963	38.809	ng		96
68) Hexachlorobenzene	16.760	284	81866	40.875	ng		96
69) Atrazine	16.901	200	70222	40.589	ng		97
70) Pentachlorophenol	17.101	266	43809	40.792	ng		95
71) Phenanthrene	17.494	178	321620	39.937	ng		95
72) Anthracene	17.582	178	315696	39.916	ng		98
73) Carbazole	17.853	167	302494	40.383	ng		98
74) Di-n-butylphthalate	18.405	149	355477	40.709	ng		99
75) Fluoranthene	19.503	202	402911	40.658	ng		99
77) Benzidine	19.680	184	151526	41.743	ng		98
78) Pyrene	19.868	202	399183	41.329	ng		97
80) Butylbenzylphthalate	20.743	149	155713	42.331	ng		95
81) Benzo(a)anthracene	21.712	228	387807	42.032	ng		97
82) 3,3'-Dichlorobenzidine	21.624	252	114183	42.385	ng		97
83) Chrysene	21.783	228	365750	41.470	ng		99
84) Bis(2-ethylhexyl)phtha...	21.606	149	222726	42.775	ng	#	96
85) Di-n-octyl phthalate	22.840	149	379967	43.196	ng		98
87) Indeno(1,2,3-cd)pyrene	28.779	276	491385	43.142	ng	#	95
88) Benzo(b)fluoranthene	23.974	252	431618	41.670	ng	#	97
89) Benzo(k)fluoranthene	24.038	252	401468	41.552	ng	#	97
90) Benzo(a)pyrene	24.861	252	390043	41.609	ng	#	98
91) Dibenzo(a,h)anthracene	28.838	278	401264	41.807	ng	#	98
92) Benzo(g,h,i)perylene	29.948	276	395376	42.047	ng		99

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

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