Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
Data File : BG054741.D
Acq On : 25 Aug 2022 17:41
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082522

Quant Time: Aug 25 18:13:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	49112	20.000	ng		0.00
21) Naphthalene-d8	10.973	136	192613	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	124714	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	287465	20.000	ng		0.00
76) Chrysene-d12	21.825	240	271733	20.000	ng		0.00
86) Perylene-d12	25.186	264	292294	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.686	112	218232	77.378	ng		0.00
7) Phenol-d6	7.295	99	298845	77.481	ng		0.00
23) Nitrobenzene-d5	9.322	82	287002	78.222	ng		0.00
42) 2,4,6-Tribromophenol	16.267	330	125142	80.302	ng		0.00
45) 2-Fluorobiphenyl	13.412	172	642371	77.417	ng		0.00
79) Terphenyl-d14	20.127	244	1057123	77.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	50288	37.341	ng		99
3) Pyridine	3.946	79	145060	38.617	ng		98
4) n-Nitrosodimethylamine	3.858	42	61053	37.599	ng		94
6) Aniline	7.472	93	176760	38.571	ng		98
8) 2-Chlorophenol	7.713	128	119352	38.733	ng		99
9) Benzaldehyde	7.284	77	91322	36.125	ng		99
10) Phenol	7.319	94	153424	38.679	ng		99
11) bis(2-Chloroethyl)ether	7.560	93	121538	38.099	ng		98
12) 1,3-Dichlorobenzene	8.042	146	136166	38.186	ng		97
13) 1,4-Dichlorobenzene	8.188	146	138340	38.462	ng		99
14) 1,2-Dichlorobenzene	8.512	146	129179	37.876	ng		100
15) Benzyl Alcohol	8.382	79	107913	38.728	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.676	45	188068	37.676	ng		98
17) 2-Methylphenol	8.588	107	106744	39.086	ng		98
18) Hexachloroethane	9.246	117	49949	38.296	ng		97
19) n-Nitroso-di-n-propyla...	8.958	70	100855	38.025	ng		98
20) 3+4-Methylphenols	8.911	107	148921	39.324	ng		95
22) Acetophenone	8.976	105	185491	38.493	ng	#	98
24) Nitrobenzene	9.369	77	143287	38.745	ng		98
25) Isophorone	9.886	82	261957	38.291	ng		98
26) 2-Nitrophenol	10.080	139	65789	40.273	ng		95
27) 2,4-Dimethylphenol	10.127	122	97772	37.775	ng		99
28) bis(2-Chloroethoxy)met...	10.368	93	149066	38.238	ng		97
29) 2,4-Dichlorophenol	10.615	162	116847	39.691	ng		99
30) 1,2,4-Trichlorobenzene	10.832	180	130786	38.875	ng		100
31) Naphthalene	11.026	128	398230	38.535	ng		100
32) Benzoic acid	10.245	122	62705	36.221	ng		98
33) 4-Chloroaniline	11.132	127	163220	38.742	ng		98
34) Hexachlorobutadiene	11.302	225	82999	38.505	ng		99
35) Caprolactam	11.896	113	40815	39.297	ng		95
36) 4-Chloro-3-methylphenol	12.237	107	125431	38.962	ng		99
37) 2-Methylnaphthalene	12.624	142	275984	38.103	ng		97
38) 1-Methylnaphthalene	12.842	142	272153	38.620	ng		98
40) 1,2,4,5-Tetrachloroben...	12.983	216	144683	38.485	ng		99
41) Hexachlorocyclopentadiene	12.959	237	79233	39.741	ng		99
43) 2,4,6-Trichlorophenol	13.218	196	100942	40.452	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	111144	39.661	ng	99
46) 1,1'-Biphenyl	13.623	154	356839	38.530	ng	100
47) 2-Chloronaphthalene	13.664	162	271214	38.560	ng	99
48) 2-Nitroaniline	13.864	65	89545	40.623	ng	99
49) Acenaphthylene	14.510	152	452851	39.016	ng	99
50) Dimethylphthalate	14.228	163	372196	38.738	ng	99
51) 2,6-Dinitrotoluene	14.352	165	79173	40.287	ng	95
52) Acenaphthene	14.851	154	292586	39.244	ng	98
53) 3-Nitroaniline	14.687	138	88445	40.203	ng	92
54) 2,4-Dinitrophenol	14.886	184	39006	38.924	ng	95
55) Dibenzofuran	15.180	168	422911	38.603	ng	100
56) 4-Nitrophenol	14.975	139	70273	41.277	ng	97
57) 2,4-Dinitrotoluene	15.133	165	110691	40.721	ng	92
58) Fluorene	15.827	166	356922	38.673	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	99167	39.256	ng	96
60) Diethylphthalate	15.586	149	375179	39.104	ng	99
61) 4-Chlorophenyl-phenyle...	15.815	204	177830	39.059	ng	99
62) 4-Nitroaniline	15.844	138	91260	40.630	ng	98
63) Azobenzene	16.109	77	351417	38.541	ng	98
65) 4,6-Dinitro-2-methylph...	15.897	198	60639	41.441	ng	96
66) n-Nitrosodiphenylamine	16.032	169	316957	38.234	ng	100
67) 4-Bromophenyl-phenylether	16.714	248	122169	38.708	ng	99
68) Hexachlorobenzene	16.825	284	137074	38.634	ng	99
69) Atrazine	16.972	200	113919	38.952	ng	99
70) Pentachlorophenol	17.172	266	76721	39.798	ng	98
71) Phenanthrene	17.572	178	586447	38.296	ng	99
72) Anthracene	17.666	178	570423	38.314	ng	99
73) Carbazole	17.930	167	530300	38.659	ng	99
74) Di-n-butylphthalate	18.476	149	679339	39.137	ng	99
75) Fluoranthene	19.575	202	724683	38.901	ng	100
77) Benzidine	19.751	184	270153	40.139	ng	98
78) Pyrene	19.939	202	732669	38.668	ng	100
80) Butylbenzylphthalate	20.815	149	306626	38.797	ng	97
81) Benzo(a)anthracene	21.802	228	712188	38.655	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	255961	39.624	ng	99
83) Chrysene	21.872	228	676336	38.393	ng	100
84) Bis(2-ethylhexyl)phtha...	21.690	149	446399	39.203	ng	100
85) Di-n-octyl phthalate	22.953	149	759430	39.327	ng	96
87) Indeno(1,2,3-cd)pyrene	29.058	276	870180	39.215	ng	99
88) Benzo(b)fluoranthene	24.111	252	705112	38.455	ng	99
89) Benzo(k)fluoranthene	24.187	252	732591	39.700	ng	100
90) Benzo(a)pyrene	25.028	252	616232	39.337	ng	99
91) Dibenzo(a,h)anthracene	29.134	278	708283	39.179	ng	99
92) Benzo(g,h,i)perylene	30.280	276	708732	38.807	ng	99

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

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