Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052761.D
Acq On : 21 Mar 2022 9:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 21 13:24:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.145	152	37778	20.000	ng		-0.02
21) Naphthalene-d8	10.959	136	151869	20.000	ng		#-0.02
39) Acenaphthene-d10	14.765	164	112064	20.000	ng		0.00
64) Phenanthrene-d10	17.509	188	268138	20.000	ng		0.00
76) Chrysene-d12	21.803	240	272431	20.000	ng		0.00
86) Perylene-d12	25.116	264	296927	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.701	112	173475	79.970	ng		0.00
7) Phenol-d6	7.287	99	255463	78.114	ng		0.00
23) Nitrobenzene-d5	9.308	82	261234	86.334	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	117476	78.014	ng		0.00
45) 2-Fluorobiphenyl	13.397	172	593237	78.075	ng		0.00
79) Terphenyl-d14	20.117	244	1166031	76.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.592	88	43976	40.526	ng	#	90
3) Pyridine	3.992	79	122810	44.150	ng	#	83
4) n-Nitrosodimethylamine	3.904	42	52791	42.781	ng	#	84
6) Aniline	7.464	93	152065	39.655	ng		96
8) 2-Chlorophenol	7.704	128	87500	38.388	ng		92
9) Benzaldehyde	7.276	77	77543	44.168	ng		93
10) Phenol	7.317	94	128621	39.842	ng		92
11) bis(2-Chloroethyl)ether	7.558	93	95032	38.980	ng		92
12) 1,3-Dichlorobenzene	8.039	146	105883	38.581	ng	#	92
13) 1,4-Dichlorobenzene	8.180	146	106025	38.451	ng		97
14) 1,2-Dichlorobenzene	8.503	146	101172	38.796	ng		97
15) Benzyl Alcohol	8.374	79	107761	39.134	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.674	45	170552	40.172	ng		96
17) 2-Methylphenol	8.574	107	83193	38.656	ng		95
18) Hexachloroethane	9.243	117	39182	38.730	ng		94
19) n-Nitroso-di-n-propyla...	8.950	70	93593	40.407	ng	#	91
20) 3+4-Methylphenols	8.903	107	117517	39.018	ng		90
22) Acetophenone	8.967	105	151711	38.602	ng		94
24) Nitrobenzene	9.349	77	127904	42.246	ng		92
25) Isophorone	9.878	82	233297	39.819	ng		97
26) 2-Nitrophenol	10.066	139	45533	43.308	ng		96
27) 2,4-Dimethylphenol	10.113	122	82792	38.491	ng		97
28) bis(2-Chloroethoxy)met...	10.354	93	137423	39.667	ng		99
29) 2,4-Dichlorophenol	10.600	162	95497	39.456	ng		99
30) 1,2,4-Trichlorobenzene	10.818	180	113434	39.729	ng		94
31) Naphthalene	11.012	128	308593	39.294	ng		97
32) Benzoic acid	10.236	122	60200	38.908	ng	#	88
33) 4-Chloroaniline	11.106	127	132318	39.752	ng		96
34) Hexachlorobutadiene	11.300	225	79845	39.004	ng		97
35) Caprolactam	11.881	113	32722	49.512	ng		92
36) 4-Chloro-3-methylphenol	12.216	107	112382	39.985	ng		97
37) 2-Methylnaphthalene	12.604	142	228068m	39.655	ng		
38) 1-Methylnaphthalene	12.821	142	220830	39.342	ng		95
40) 1,2,4,5-Tetrachloroben...	12.974	216	137638	39.313	ng		98
41) Hexachlorocyclopentadiene	12.956	237	77080	37.142	ng		90
43) 2,4,6-Trichlorophenol	13.203	196	90042	40.160	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	98094	43.104	ng		96
46) 1,1'-Biphenyl	13.602	154	303562	38.734	ng		99
47) 2-Chloronaphthalene	13.649	162	240982	39.046	ng		96
48) 2-Nitroaniline	13.837	65	79263	46.959	ng		92
49) Acenaphthylene	14.489	152	387450	39.381	ng		97
50) Dimethylphthalate	14.213	163	321918	38.652	ng		100
51) 2,6-Dinitrotoluene	14.331	165	61263	43.566	ng	#	76
52) Acenaphthene	14.830	154	255347	40.513	ng		98
53) 3-Nitroaniline	14.660	138	73171	44.468	ng		87
54) 2,4-Dinitrophenol	14.859	184	37966	49.531	ng	#	84
55) Dibenzofuran	15.165	168	397916	38.659	ng		97
56) 4-Nitrophenol	14.953	139	58196	43.357	ng	#	81
57) 2,4-Dinitrotoluene	15.112	165	88277	45.245	ng	#	84
58) Fluorene	15.811	166	319904	38.128	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.388	232	98928	40.670	ng		99
60) Diethylphthalate	15.576	149	339732	38.643	ng		98
61) 4-Chlorophenyl-phenyle...	15.805	204	180635	39.038	ng		95
62) 4-Nitroaniline	15.823	138	75108	43.198	ng	#	84
63) Azobenzene	16.093	77	375835	39.996	ng		94
65) 4,6-Dinitro-2-methylph...	15.876	198	56190	47.005	ng		99
66) n-Nitrosodiphenylamine	16.011	169	292857	38.794	ng		100
67) 4-Bromophenyl-phenylether	16.698	248	121237	37.503	ng		91
68) Hexachlorobenzene	16.821	284	133020	38.282	ng		92
69) Atrazine	16.957	200	112656	40.472	ng		97
70) Pentachlorophenol	17.156	266	84878	39.374	ng		92
71) Phenanthrene	17.556	178	559928	39.034	ng		100
72) Anthracene	17.644	178	548069	38.649	ng		99
73) Carbazole	17.908	167	551137	39.242	ng		99
74) Di-n-butylphthalate	18.466	149	592126	38.593	ng		98
75) Fluoranthene	19.559	202	723825	39.752	ng		99
77) Benzidine	19.729	184	273856	38.975	ng		98
78) Pyrene	19.917	202	734407	38.862	ng		98
80) Butylbenzylphthalate	20.798	149	252290	37.635	ng		96
81) Benzo(a)anthracene	21.779	228	708185	38.821	ng		98
82) 3,3'-Dichlorobenzidine	21.685	252	250513	38.887	ng		99
83) Chrysene	21.850	228	659057	38.429	ng		99
84) Bis(2-ethylhexyl)phtha...	21.685	149	353000	38.721	ng		100
85) Di-n-octyl phthalate	22.931	149	590500	38.909	ng		96
87) Indeno(1,2,3-cd)pyrene	28.911	276	822496	40.470	ng	#	96
88) Benzo(b)fluoranthene	24.065	252	707915	38.398	ng		99
89) Benzo(k)fluoranthene	24.135	252	688577	37.961	ng		98
90) Benzo(a)pyrene	24.963	252	602788	38.626	ng		99
91) Dibenzo(a,h)anthracene	28.987	278	674429	40.272	ng		98
92) Benzo(g,h,i)perylene	30.109	276	672382	40.579	ng		97

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

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