Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049052.D
Acq On : 22 Jun 2021 22:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/23/2021 4:42:28 PM

Quant Time: Jun 23 06:39:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	31461	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	123879	20.000	ng	#	0.00
39) Acenaphthene-d10	14.753	164	89690	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	207683	20.000	ng	#	0.00
76) Chrysene-d12	21.792	240	202225	20.000	ng		0.00
86) Perylene-d12	25.117	264	217281	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	164967	81.625	ng		0.00
7) Phenol-d6	7.262	99	237062	78.260	ng		0.00
23) Nitrobenzene-d5	9.277	82	234496	81.624	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	123172	92.693	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	509867	80.307	ng		-0.01
79) Terphenyl-d14	20.105	244	943329	85.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	37149	37.651	ng	#	80
3) Pyridine	3.954	79	98124	36.661	ng		96
4) n-Nitrosodimethylamine	3.866	42	55589	43.370	ng	#	75
6) Aniline	7.432	93	137014	35.917	ng		96
8) 2-Chlorophenol	7.673	128	87307	39.193	ng		91
9) Benzaldehyde	7.244	77	66493	42.422	ng		88
10) Phenol	7.291	94	115108	36.783	ng		92
11) bis(2-Chloroethyl)ether	7.526	93	81036	34.901	ng		81
12) 1,3-Dichlorobenzene	8.002	146	97564	39.207	ng		95
13) 1,4-Dichlorobenzene	8.149	146	98530	39.715	ng		98
14) 1,2-Dichlorobenzene	8.466	146	92058	38.572	ng		93
15) Benzyl Alcohol	8.343	79	102987	37.123	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.637	45	143222	32.600	ng		83
17) 2-Methylphenol	8.554	107	77140	37.588	ng		96
18) Hexachloroethane	9.206	117	39188	39.374	ng		98
19) n-Nitroso-di-n-propyla...	8.919	70	79098	33.406	ng		97
20) 3+4-Methylphenols	8.877	107	106295	37.883	ng		94
22) Acetophenone	8.936	105	149642	39.705	ng	#	98
24) Nitrobenzene	9.318	77	126352	39.044	ng		95
25) Isophorone	9.847	82	218941	34.981	ng		99
26) 2-Nitrophenol	10.035	139	49818	45.383	ng		94
27) 2,4-Dimethylphenol	10.088	122	76853	38.614	ng		93
28) bis(2-Chloroethoxy)met...	10.329	93	102254	35.283	ng		94
29) 2,4-Dichlorophenol	10.575	162	89270	39.980	ng		93
30) 1,2,4-Trichlorobenzene	10.793	180	104109	40.668	ng		97
31) Naphthalene	10.981	128	279555	37.880	ng		99
32) Benzoic acid	10.223	122	65839	50.646	ng	#	76
33) 4-Chloroaniline	11.087	127	115470	36.850	ng		96
34) Hexachlorobutadiene	11.269	225	76513	41.935	ng		93
35) Caprolactam	11.868	113	29226	45.280	ng	#	58
36) 4-Chloro-3-methylphenol	12.203	107	103465	37.910	ng		95
37) 2-Methylnaphthalene	12.585	142	208606	37.422	ng		97
38) 1-Methylnaphthalene	12.802	142	197675	37.772	ng		93
40) 1,2,4,5-Tetrachloroben...	12.949	216	120669	42.370	ng		96
41) Hexachlorocyclopentadiene	12.931	237	74323	40.595	ng		94
43) 2,4,6-Trichlorophenol	13.184	196	84973	44.592	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	90499	45.928	ng		91
46) 1,1'-Biphenyl	13.590	154	255881	38.697	ng		97
47) 2-Chloronaphthalene	13.631	162	207407	39.278	ng		100
48) 2-Nitroaniline	13.825	65	78998	42.160	ng		98
49) Acenaphthylene	14.477	152	329513	37.448	ng		98
50) Dimethylphthalate	14.201	163	270996	38.789	ng		99
51) 2,6-Dinitrotoluene	14.318	165	63086	44.340	ng		90
52) Acenaphthene	14.818	154	225623	39.782	ng		93
53) 3-Nitroaniline	14.647	138	61978	43.027	ng		93
54) 2,4-Dinitrophenol	14.853	184	36470	55.338	ng		94
55) Dibenzofuran	15.147	168	337080	38.235	ng		99
56) 4-Nitrophenol	14.959	139	51581	43.923	ng		92
57) 2,4-Dinitrotoluene	15.105	165	92362	52.850	ng		93
58) Fluorene	15.799	166	274902	38.133	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.376	232	86713m	43.475	ng		
60) Diethylphthalate	15.564	149	290117	38.341	ng		96
61) 4-Chlorophenyl-phenyle...	15.787	204	155163	41.162	ng		98
62) 4-Nitroaniline	15.816	138	64531	44.298	ng		89
63) Azobenzene	16.081	77	299845	34.633	ng		88
65) 4,6-Dinitro-2-methylph...	15.869	198	56316	57.183	ng		96
66) n-Nitrosodiphenylamine	15.998	169	240999	37.236	ng		96
67) 4-Bromophenyl-phenylether	16.686	248	106406	41.033	ng		93
68) Hexachlorobenzene	16.803	284	116407	41.417	ng		97
69) Atrazine	16.950	200	89900	43.274	ng		95
70) Pentachlorophenol	17.150	266	81380	48.179	ng		98
71) Phenanthrene	17.544	178	446422	38.202	ng		98
72) Anthracene	17.632	178	444170	37.826	ng		99
73) Carbazole	17.902	167	422635	37.548	ng		98
74) Di-n-butylphthalate	18.454	149	500458	39.642	ng		99
75) Fluoranthene	19.553	202	561852	39.871	ng		99
77) Benzidine	19.724	184	211002m	51.795	ng		
78) Pyrene	19.912	202	567057	38.633	ng		97
80) Butylbenzylphthalate	20.793	149	221432	39.985	ng		100
81) Benzo(a)anthracene	21.774	228	587504	40.462	ng		97
82) 3,3'-Dichlorobenzidine	21.680	252	197943	42.631	ng		97
83) Chrysene	21.839	228	563423	40.471	ng		98
84) Bis(2-ethylhexyl)phtha...	21.674	149	310452	39.329	ng		99
85) Di-n-octyl phthalate	22.926	149	538768	40.243	ng		97
87) Indeno(1,2,3-cd)pyrene	28.924	276	687867	42.066	ng	#	97
88) Benzo(b)fluoranthene	24.060	252	627410	40.506	ng	#	95
89) Benzo(k)fluoranthene	24.130	252	574565	39.097	ng	#	99
90) Benzo(a)pyrene	24.959	252	565641	40.006	ng	#	96
91) Dibenzo(a,h)anthracene	29.001	278	578144	42.304	ng	#	95
92) Benzo(g,h,i)perylene	30.117	276	572870	41.570	ng		97

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

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