Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
Data File : BG060844.D
Acq On : 9 Apr 2024 16:43
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 17:20:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	58994	20.000	ng		-0.02
21) Naphthalene-d8	10.742	136	233222	20.000	ng		-0.02
39) Acenaphthene-d10	14.579	164	180203	20.000	ng		0.00
64) Phenanthrene-d10	17.323	188	436695	20.000	ng		-0.02
76) Chrysene-d12	21.589	240	431901	20.000	ng		#-0.02
86) Perylene-d12	24.714	264	508147	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.531	112	282839	79.869	ng		0.00
7) Phenol-d6	7.111	99	375574	71.448	ng		0.00
23) Nitrobenzene-d5	9.103	82	389274	95.242	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	213371	104.307	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	961787	78.331	ng		-0.02
79) Terphenyl-d14	19.949	244	1850386	75.439	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	54075	37.244	ng		99
3) Pyridine	3.845	79	162771	37.167	ng		94
4) n-Nitrosodimethylamine	3.762	42	100592	38.426	ng		93
6) Aniline	7.276	93	223428	33.658	ng		98
8) 2-Chlorophenol	7.511	128	147723	36.795	ng		97
9) Benzaldehyde	7.088	77	99474	34.317	ng		98
10) Phenol	7.135	94	189830	35.385	ng		98
11) bis(2-Chloroethyl)ether	7.370	93	142491	32.898	ng		99
12) 1,3-Dichlorobenzene	7.840	146	154445	36.992	ng		98
13) 1,4-Dichlorobenzene	7.987	146	162452	38.139	ng		95
14) 1,2-Dichlorobenzene	8.304	146	158484	37.967	ng		96
15) Benzyl Alcohol	8.181	79	156335	36.715	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.480	45	347847m	35.586	ng		
17) 2-Methylphenol	8.386	107	145062	35.819	ng		100
18) Hexachloroethane	9.027	117	58277	38.523	ng		92
19) n-Nitroso-di-n-propyla...	8.751	70	135969	33.919	ng	#	96
20) 3+4-Methylphenols	8.709	107	198871	35.860	ng		96
22) Acetophenone	8.762	105	250559	38.962	ng		97
24) Nitrobenzene	9.144	77	194689	43.094	ng		100
25) Isophorone	9.667	82	358229	38.053	ng		99
26) 2-Nitrophenol	9.855	139	80841	50.259	ng		92
27) 2,4-Dimethylphenol	9.914	122	145484	38.472	ng		100
28) bis(2-Chloroethoxy)met...	10.155	93	203824	36.673	ng		97
29) 2,4-Dichlorophenol	10.390	162	147915	42.595	ng		95
30) 1,2,4-Trichlorobenzene	10.607	180	163864	41.673	ng		94
31) Naphthalene	10.795	128	481370	38.156	ng		100
32) Benzoic acid	10.043	122	116196	46.442	ng		95
33) 4-Chloroaniline	10.895	127	219771	37.505	ng		97
34) Hexachlorobutadiene	11.089	225	115814	44.193	ng		98
35) Caprolactam	11.665	113	51473	37.425	ng	#	88
36) 4-Chloro-3-methylphenol	12.023	107	178485	40.235	ng		97
37) 2-Methylnaphthalene	12.399	142	352404	37.994	ng		98
38) 1-Methylnaphthalene	12.623	142	339177	38.709	ng		96
40) 1,2,4,5-Tetrachloroben...	12.769	216	219094	42.291	ng		99
41) Hexachlorocyclopentadiene	12.752	237	115272	43.759	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	146985	44.062	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	173630	43.615	ng		95
46) 1,1'-Biphenyl	13.410	154	480936	37.784	ng		98
47) 2-Chloronaphthalene	13.451	162	366864	37.936	ng		99
48) 2-Nitroaniline	13.651	65	144227	46.297	ng		96
49) Acenaphthylene	14.297	152	624927	38.459	ng		99
50) Dimethylphthalate	14.039	163	541810	38.039	ng		100
51) 2,6-Dinitrotoluene	14.144	165	110053	43.507	ng		96
52) Acenaphthene	14.644	154	406660	39.860	ng		97
53) 3-Nitroaniline	14.473	138	118345	42.641	ng	#	95
54) 2,4-Dinitrophenol	14.679	184	61310	61.840	ng		87
55) Dibenzofuran	14.979	168	623773	38.762	ng		100
56) 4-Nitrophenol	14.779	139	96884	46.529	ng		96
57) 2,4-Dinitrotoluene	14.932	165	159337	48.047	ng		97
58) Fluorene	15.625	166	505256	39.120	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.202	232	161530	46.559	ng		98
60) Diethylphthalate	15.408	149	533596	37.237	ng		97
61) 4-Chlorophenyl-phenyle...	15.625	204	274013	40.103	ng		95
62) 4-Nitroaniline	15.637	138	130009	49.924	ng		98
63) Azobenzene	15.919	77	515571	36.922	ng		94
65) 4,6-Dinitro-2-methylph...	15.701	198	92924	51.040	ng		98
66) n-Nitrosodiphenylamine	15.836	169	478597	38.352	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	190696	43.028	ng		98
68) Hexachlorobenzene	16.630	284	206488	41.273	ng		97
69) Atrazine	16.788	200	173696	39.803	ng		100
70) Pentachlorophenol	16.970	266	150934	46.235	ng		98
71) Phenanthrene	17.370	178	867219	38.184	ng		99
72) Anthracene	17.458	178	895705	38.834	ng		99
73) Carbazole	17.722	167	781326	38.420	ng		99
74) Di-n-butylphthalate	18.304	149	932706	36.788	ng		99
75) Fluoranthene	19.379	202	1110561	40.297	ng		98
77) Benzidine	19.561	184	473338	41.620	ng		100
78) Pyrene	19.738	202	1135688	37.598	ng		99
80) Butylbenzylphthalate	20.643	149	422512	38.345	ng		99
81) Benzo(a)anthracene	21.565	228	1176826	38.655	ng		99
82) 3,3'-Dichlorobenzidine	21.489	252	413171	40.193	ng	#	99
83) Chrysene	21.636	228	1131644	38.565	ng		99
84) Bis(2-ethylhexyl)phtha...	21.506	149	620915	35.354	ng		97
85) Di-n-octyl phthalate	22.699	149	1070031	37.399	ng		100
87) Indeno(1,2,3-cd)pyrene	28.263	276	1374153	38.401	ng	#	80
88) Benzo(b)fluoranthene	23.733	252	1122643	38.456	ng		98
89) Benzo(k)fluoranthene	23.798	252	1141260	38.195	ng	#	97
90) Benzo(a)pyrene	24.573	252	1095566	38.617	ng		98
91) Dibenzo(a,h)anthracene	28.339	278	1156479	38.339	ng	#	96
92) Benzo(g,h,i)perylene	29.374	276	1115538	38.017	ng		98

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

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