Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062671.D
Acq On : 5 Sep 2024 17:53
Operator : MA/JU
Sample : SSTDCCC040
Misc : MDL-WATER-8 ng
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 18:35:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
09/06/2024
Supervised By :mohammad ahmed
09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	58047	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	232696	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	188598	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	521889	20.000	ng		0.00
76) Chrysene-d12	21.537	240	566561	20.000	ng		0.00
86) Perylene-d12	24.604	264	657881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	270805	80.641	ng		0.00
7) Phenol-d6	7.083	99	369185	76.100	ng		0.00
23) Nitrobenzene-d5	9.075	82	342081	79.173	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	234496	88.350	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	883867	75.912	ng		0.00
79) Terphenyl-d14	19.909	244	2088753	73.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	56642	40.488	ng		95
3) Pyridine	3.798	79	157562	39.090	ng		98
4) n-Nitrosodimethylamine	3.716	42	78704	40.163	ng		92
6) Aniline	7.247	93	166814	36.804	ng		98
8) 2-Chlorophenol	7.488	128	139753	38.763	ng		98
9) Benzaldehyde	7.059	77	121681	43.119	ng		96
10) Phenol	7.112	94	186052	37.883	ng		99
11) bis(2-Chloroethyl)ether	7.341	93	143015	38.034	ng		98
12) 1,3-Dichlorobenzene	7.811	146	156592	39.579	ng		98
13) 1,4-Dichlorobenzene	7.958	146	156882	38.530	ng		96
14) 1,2-Dichlorobenzene	8.276	146	151784	37.925	ng		97
15) Benzyl Alcohol	8.152	79	130030	36.225	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	235453	32.855	ng		98
17) 2-Methylphenol	8.358	107	120267	35.131	ng		97
18) Hexachloroethane	9.004	117	54991	36.019	ng		91
19) n-Nitroso-di-n-propyla...	8.722	70	124443	32.553	ng	#	98
20) 3+4-Methylphenols	8.687	107	173003	34.254	ng		98
22) Acetophenone	8.734	105	237975	37.909	ng		97
24) Nitrobenzene	9.116	77	186694	40.639	ng		98
25) Isophorone	9.639	82	323252	34.082	ng		98
26) 2-Nitrophenol	9.827	139	72304	41.654	ng		96
27) 2,4-Dimethylphenol	9.885	122	97072	38.166	ng		94
28) bis(2-Chloroethoxy)met...	10.120	93	191976	37.811	ng		99
29) 2,4-Dichlorophenol	10.361	162	146555	41.212	ng		98
30) 1,2,4-Trichlorobenzene	10.579	180	170202	40.374	ng		99
31) Naphthalene	10.761	128	452463	39.230	ng		97
32) Benzoic acid	10.015	122	103229m	37.737	ng		
33) 4-Chloroaniline	10.867	127	170311	37.523	ng		96
34) Hexachlorobutadiene	11.055	225	120624	40.968	ng		94
35) Caprolactam	11.630	113	53621	39.113	ng	#	87
36) 4-Chloro-3-methylphenol	11.989	107	156383	36.457	ng		96
37) 2-Methylnaphthalene	12.371	142	329914	36.880	ng		96
38) 1-Methylnaphthalene	12.588	142	333201	37.094	ng		98
40) 1,2,4,5-Tetrachloroben...	12.735	216	225814	39.814	ng		99
41) Hexachlorocyclopentadiene	12.723	237	68152	42.115	ng		99
43) 2,4,6-Trichlorophenol	12.976	196	141034	39.225	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	162774	39.975	ng		98
46) 1,1'-Biphenyl	13.381	154	479178	38.084	ng		99
47) 2-Chloronaphthalene	13.422	162	387617	38.012	ng		100
48) 2-Nitroaniline	13.622	65	116944	43.603	ng		96
49) Acenaphthylene	14.269	152	592963	39.267	ng		97
50) Dimethylphthalate	13.998	163	534278	38.742	ng		99
51) 2,6-Dinitrotoluene	14.116	165	117159	44.914	ng		95
52) Acenaphthene	14.609	154	369357	39.127	ng		98
53) 3-Nitroaniline	14.445	138	115196	45.640	ng		98
54) 2,4-Dinitrophenol	14.650	184	64383	43.982	ng		95
55) Dibenzofuran	14.944	168	644819	39.830	ng		96
56) 4-Nitrophenol	14.756	139	96603	45.162	ng		97
57) 2,4-Dinitrotoluene	14.903	165	169388	47.593	ng		97
58) Fluorene	15.596	166	499479	39.313	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.173	232	164549	42.659	ng		95
60) Diethylphthalate	15.367	149	543773	39.783	ng		99
61) 4-Chlorophenyl-phenyle...	15.585	204	289679	39.715	ng		96
62) 4-Nitroaniline	15.608	138	125918	45.245	ng		94
63) Azobenzene	15.878	77	487443	37.978	ng		99
65) 4,6-Dinitro-2-methylph...	15.667	198	103185	44.304	ng		96
66) n-Nitrosodiphenylamine	15.802	169	465430	37.093	ng		99
67) 4-Bromophenyl-phenylether	16.478	248	208027	38.622	ng		96
68) Hexachlorobenzene	16.595	284	253742	39.779	ng		95
69) Atrazine	16.748	200	175467	41.172	ng		98
70) Pentachlorophenol	16.942	266	163621	40.048	ng		97
71) Phenanthrene	17.330	178	936520	38.446	ng		99
72) Anthracene	17.424	178	930650	38.857	ng		99
73) Carbazole	17.688	167	872253	39.616	ng		99
74) Di-n-butylphthalate	18.252	149	1000564	40.295	ng		100
75) Fluoranthene	19.345	202	1278498	41.498	ng		99
77) Benzidine	19.527	184	328774	32.196	ng		99
78) Pyrene	19.703	202	1346706	37.394	ng		99
80) Butylbenzylphthalate	20.596	149	399780	37.792	ng		98
81) Benzo(a)anthracene	21.513	228	1370575	38.355	ng		99
82) 3,3'-Dichlorobenzidine	21.437	252	452461	38.868	ng		96
83) Chrysene	21.578	228	1327195	38.775	ng		99
84) Bis(2-ethylhexyl)phtha...	21.437	149	607330	37.791	ng	#	97
85) Di-n-octyl phthalate	22.594	149	1042096	37.035	ng		99
87) Indeno(1,2,3-cd)pyrene	28.070	276	1679573	39.815	ng	#	88
88) Benzo(b)fluoranthene	23.634	252	1394353	38.372	ng		98
89) Benzo(k)fluoranthene	23.699	252	1403376	39.481	ng		99
90) Benzo(a)pyrene	24.462	252	1239033	38.597	ng		99
91) Dibenzo(a,h)anthracene	28.129	278	1400471	40.300	ng		98
92) Benzo(g,h,i)perylene	29.151	276	1409259	40.217	ng		97

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

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