Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
Data File : BG061062.D
Acq On : 30 Apr 2024 13:36
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 04:50:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 04:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	19701	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	90057	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	76062	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	210074	20.000	ng	0.00
76) Chrysene-d12	21.592	240	211272	20.000	ng	0.00
86) Perylene-d12	24.730	264	244242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.547	112	80640	83.245	ng	0.00
7) Phenol-d6	7.133	99	115552	80.635	ng	0.00
23) Nitrobenzene-d5	9.119	82	139623	76.856	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	124400	81.823	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	421117	81.869	ng	0.00
79) Terphenyl-d14	19.953	244	1001650	78.850	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	15792	40.318	ng	100
3) Pyridine	3.854	79	48939	44.796	ng	100
4) n-Nitrosodimethylamine	3.772	42	45372	40.973	ng	100
6) Aniline	7.292	93	57202	40.265	ng	100
8) 2-Chlorophenol	7.532	128	48372	40.702	ng	100
9) Benzaldehyde	7.104	77	31642	41.011	ng	100
10) Phenol	7.156	94	57711	39.601	ng	100
11) bis(2-Chloroethyl)ether	7.386	93	39661	39.395	ng	100
12) 1,3-Dichlorobenzene	7.856	146	55893	39.894	ng	100
13) 1,4-Dichlorobenzene	7.997	146	58954	40.713	ng	100
14) 1,2-Dichlorobenzene	8.314	146	55767	39.918	ng	100
15) Benzyl Alcohol	8.196	79	51299	39.683	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.496	45	88293	40.417	ng	100
17) 2-Methylphenol	8.408	107	43142	41.541	ng	100
18) Hexachloroethane	9.042	117	22240	43.044	ng	100
19) n-Nitroso-di-n-propyla...	8.766	70	42118	39.273	ng	100
20) 3+4-Methylphenols	8.731	107	61458	41.017	ng	100
22) Acetophenone	8.778	105	88470	39.446	ng	100
24) Nitrobenzene	9.160	77	70521	39.681	ng	100
25) Isophorone	9.683	82	126970	37.809	ng	100
26) 2-Nitrophenol	9.871	139	32667	38.796	ng	100
27) 2,4-Dimethylphenol	9.936	122	37438	38.565	ng	100
28) bis(2-Chloroethoxy)met...	10.165	93	62706	38.047	ng	100
29) 2,4-Dichlorophenol	10.411	162	59057	38.827	ng	100
30) 1,2,4-Trichlorobenzene	10.623	180	71414	38.966	ng	100
31) Naphthalene	10.811	128	183202	39.142	ng	100
32) Benzoic acid	10.071	122	44643m	41.656	ng	
33) 4-Chloroaniline	10.911	127	72724	38.960	ng	100
34) Hexachlorobutadiene	11.099	225	59872	38.073	ng	100
35) Caprolactam	11.681	113	20175	36.832	ng	100
36) 4-Chloro-3-methylphenol	12.039	107	72247	39.390	ng	100
37) 2-Methylnaphthalene	12.415	142	136003	38.777	ng	100
38) 1-Methylnaphthalene	12.632	142	133358	37.769	ng	100
40) 1,2,4,5-Tetrachloroben...	12.779	216	103592	40.810	ng	100
41) Hexachlorocyclopentadiene	12.762	237	43307	44.566	ng	100
43) 2,4,6-Trichlorophenol	13.020	196	67212	41.242	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.097	196	76103	41.261	ng	100
46) 1,1'-Biphenyl	13.420	154	198746	40.752	ng	100
47) 2-Chloronaphthalene	13.461	162	161393	41.327	ng	100
48) 2-Nitroaniline	13.661	65	59103	40.785	ng	100
49) Acenaphthylene	14.307	152	246396	41.080	ng	100
50) Dimethylphthalate	14.042	163	236099	40.187	ng	100
51) 2,6-Dinitrotoluene	14.160	165	51372	40.881	ng	100
52) Acenaphthene	14.648	154	153461	41.013	ng	100
53) 3-Nitroaniline	14.489	138	45421	39.503	ng	100
54) 2,4-Dinitrophenol	14.695	184	34535	39.907	ng	100
55) Dibenzofuran	14.983	168	257887	40.804	ng	100
56) 4-Nitrophenol	14.806	139	38716	41.665	ng	100
57) 2,4-Dinitrotoluene	14.947	165	76932	41.380	ng	100
58) Fluorene	15.635	166	225975	41.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.212	232	78547	41.370	ng	100
60) Diethylphthalate	15.406	149	239613	40.445	ng	100
61) 4-Chlorophenyl-phenyle...	15.629	204	132464	40.338	ng	100
62) 4-Nitroaniline	15.652	138	51375	41.197	ng	100
63) Azobenzene	15.923	77	187863	40.735	ng	100
65) 4,6-Dinitro-2-methylph...	15.711	198	52268	40.101	ng	100
66) n-Nitrosodiphenylamine	15.840	169	203217	39.009	ng	100
67) 4-Bromophenyl-phenylether	16.522	248	98452	39.783	ng	100
68) Hexachlorobenzene	16.639	284	119364	38.753	ng	100
69) Atrazine	16.792	200	83951	39.076	ng	100
70) Pentachlorophenol	16.986	266	77791	41.110	ng	100
71) Phenanthrene	17.374	178	383778	39.954	ng	100
72) Anthracene	17.462	178	381917	39.847	ng	100
73) Carbazole	17.732	167	336473	39.927	ng	100
74) Di-n-butylphthalate	18.302	149	405572	40.473	ng	100
75) Fluoranthene	19.383	202	520287	39.538	ng	100
77) Benzidine	19.565	184	174614	43.700	ng	100
78) Pyrene	19.748	202	533989	39.755	ng	100
80) Butylbenzylphthalate	20.641	149	170819	40.176	ng	100
81) Benzo(a)anthracene	21.575	228	541710	39.183	ng	100
82) 3,3'-Dichlorobenzidine	21.487	252	199257	40.049	ng	100
83) Chrysene	21.639	228	506946	39.138	ng	100
84) Bis(2-ethylhexyl)phtha...	21.493	149	219963	39.618	ng	100
85) Di-n-octyl phthalate	22.679	149	394275	40.251	ng	100
87) Indeno(1,2,3-cd)pyrene	28.285	276	633918	39.164	ng	100
88) Benzo(b)fluoranthene	23.737	252	528076	38.692	ng	100
89) Benzo(k)fluoranthene	23.802	252	518688	39.562	ng	100
90) Benzo(a)pyrene	24.577	252	464771	39.087	ng	100
91) Dibenzo(a,h)anthracene	28.361	278	522903	39.009	ng	100
92) Benzo(g,h,i)perylene	29.401	276	525751	39.469	ng	100

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

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