Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058775.D
Acq On : 18 Aug 2023 14:05
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 21 01:33:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:23:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	32136	20.000	ng		0.00
21) Naphthalene-d8	10.609	136	123435	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	83631	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	203136	20.000	ng		0.00
76) Chrysene-d12	21.455	240	171660	20.000	ng		0.00
86) Perylene-d12	24.522	264	220966	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.380	112	190899	95.596	ng		0.00
7) Phenol-d6	6.984	99	265961	94.927	ng		0.00
23) Nitrobenzene-d5	8.981	82	251935	98.128	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	130746	99.706	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	543896	94.591	ng		0.00
79) Terphenyl-d14	19.827	244	890137	93.110	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	43339	45.452	ng		95
3) Pyridine	3.670	79	119482	47.993	ng		96
4) n-Nitrosodimethylamine	3.588	42	61485	45.585	ng		94
6) Aniline	7.142	93	161957	47.288	ng		99
8) 2-Chlorophenol	7.377	128	94884	46.993	ng		97
9) Benzaldehyde	6.954	77	69761	44.411	ng		98
10) Phenol	7.013	94	128503	47.565	ng		96
11) bis(2-Chloroethyl)ether	7.236	93	96607	45.827	ng		99
12) 1,3-Dichlorobenzene	7.700	146	100471	46.846	ng		96
13) 1,4-Dichlorobenzene	7.847	146	100910	46.528	ng		97
14) 1,2-Dichlorobenzene	8.165	146	95780	45.693	ng		98
15) Benzyl Alcohol	8.053	79	100667	50.254	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.341	45	211605	47.101	ng		99
17) 2-Methylphenol	8.259	107	94563	47.656	ng		96
18) Hexachloroethane	8.887	117	37906	47.970	ng		96
19) n-Nitroso-di-n-propyla...	8.617	70	84853	46.852	ng		95
20) 3+4-Methylphenols	8.588	107	129719	48.625	ng		97
22) Acetophenone	8.635	105	161212	48.248	ng	#	99
24) Nitrobenzene	9.022	77	125727	49.237	ng		98
25) Isophorone	9.539	82	248034	48.580	ng		99
26) 2-Nitrophenol	9.727	139	56143	52.570	ng		99
27) 2,4-Dimethylphenol	9.786	122	89498	49.447	ng		98
28) bis(2-Chloroethoxy)met...	10.021	93	131773	48.724	ng		100
29) 2,4-Dichlorophenol	10.268	162	93879	50.382	ng		98
30) 1,2,4-Trichlorobenzene	10.474	180	109857	48.914	ng		97
31) Naphthalene	10.662	128	309353	47.732	ng		99
32) Benzoic acid	9.968	122	52695m	47.452	ng		
33) 4-Chloroaniline	10.779	127	137655	50.361	ng		98
34) Hexachlorobutadiene	10.944	225	73168	48.270	ng		98
35) Caprolactam	11.572	113	33572	50.374	ng		92
36) 4-Chloro-3-methylphenol	11.913	107	112737	48.742	ng		98
37) 2-Methylnaphthalene	12.277	142	224800	48.293	ng		98
38) 1-Methylnaphthalene	12.495	142	210601	47.662	ng		100
40) 1,2,4,5-Tetrachloroben...	12.648	216	126403	49.027	ng		98
41) Hexachlorocyclopentadiene	12.618	237	45251	48.508	ng		96
43) 2,4,6-Trichlorophenol	12.894	196	82998	50.592	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	99469	50.632	ng		98
46) 1,1'-Biphenyl	13.288	154	275716	47.857	ng		99
47) 2-Chloronaphthalene	13.335	162	217587	48.464	ng		98
48) 2-Nitroaniline	13.546	65	88567	51.941	ng		95
49) Acenaphthylene	14.181	152	361782	48.591	ng		99
50) Dimethylphthalate	13.922	163	310766	47.992	ng		99
51) 2,6-Dinitrotoluene	14.046	165	69001	50.722	ng		98
52) Acenaphthene	14.522	154	209644	48.184	ng		99
53) 3-Nitroaniline	14.375	138	68993	52.583	ng		96
54) 2,4-Dinitrophenol	14.592	184	34204	47.999	ng		94
55) Dibenzofuran	14.857	168	356057	47.441	ng		97
56) 4-Nitrophenol	14.698	139	44726	48.990	ng		97
57) 2,4-Dinitrotoluene	14.839	165	97952	51.623	ng		96
58) Fluorene	15.509	166	284819	47.685	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	81441	50.802	ng		95
60) Diethylphthalate	15.280	149	318820	47.754	ng		99
61) 4-Chlorophenyl-phenyle...	15.497	204	159000	48.027	ng		97
62) 4-Nitroaniline	15.544	138	69202	51.972	ng		96
63) Azobenzene	15.791	77	294587	48.054	ng		99
65) 4,6-Dinitro-2-methylph...	15.603	198	60588	52.767	ng		96
66) n-Nitrosodiphenylamine	15.720	169	255963	48.889	ng		99
67) 4-Bromophenyl-phenylether	16.396	248	108422	48.639	ng		99
68) Hexachlorobenzene	16.514	284	115356	48.083	ng		98
69) Atrazine	16.666	200	72759	39.268	ng		94
70) Pentachlorophenol	16.860	266	65398	51.986	ng		98
71) Phenanthrene	17.248	178	462007	47.376	ng		100
72) Anthracene	17.342	178	471888	48.247	ng		100
73) Carbazole	17.612	167	426604	47.630	ng		99
74) Di-n-butylphthalate	18.165	149	538571	47.667	ng		99
75) Fluoranthene	19.263	202	562963	46.551	ng		99
77) Benzidine	19.451	184	122544	39.832	ng		97
78) Pyrene	19.628	202	575258	48.096	ng		98
80) Butylbenzylphthalate	20.515	149	241458	49.776	ng		100
81) Benzo(a)anthracene	21.431	228	574405	48.071	ng		98
82) 3,3'-Dichlorobenzidine	21.355	252	201098	48.747	ng		99
83) Chrysene	21.496	228	543391	47.179	ng		100
84) Bis(2-ethylhexyl)phtha...	21.331	149	351509	49.407	ng		99
85) Di-n-octyl phthalate	22.483	149	611430	49.965	ng		100
87) Indeno(1,2,3-cd)pyrene	28.035	276	722082	48.300	ng	#	93
88) Benzo(b)fluoranthene	23.552	252	586699	47.853	ng		99
89) Benzo(k)fluoranthene	23.617	252	596592	47.184	ng		98
90) Benzo(a)pyrene	24.381	252	584498	48.417	ng		99
91) Dibenzo(a,h)anthracene	28.088	278	595430	48.497	ng		99
92) Benzo(g,h,i)perylene	29.134	276	599195	48.707	ng		97

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

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