Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
Data File : BG062609.D
Acq On : 30 Aug 2024 8:46
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 16:44:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 13:01:59 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.924	152	55648	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	249454	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	208655	20.000	ng		0.00
64) Phenanthrene-d10	17.284	188	561790	20.000	ng		0.00
76) Chrysene-d12	21.532	240	563181	20.000	ng		0.00
86) Perylene-d12	24.605	264	638886	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	64522	20.042	ng		0.00
7) Phenol-d6	7.084	99	89612	19.268	ng		0.00
23) Nitrobenzene-d5	9.076	82	88861	19.185	ng		0.00
42) 2,4,6-Tribromophenol	16.032	330	59009	20.095	ng		0.00
45) 2-Fluorobiphenyl	13.165	172	264736	20.551	ng		0.00
79) Terphenyl-d14	19.904	244	607729	21.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	14208	10.747	ng		97
3) Pyridine	3.805	79	38557	9.978	ng		93
4) n-Nitrosodimethylamine	3.717	42	19783	10.531	ng	#	83
6) Aniline	7.248	93	44242	10.182	ng		97
8) 2-Chlorophenol	7.483	128	33663	9.740	ng		98
9) Benzaldehyde	7.060	77	31179m	11.462	ng		
10) Phenol	7.113	94	46154	9.803	ng		98
11) bis(2-Chloroethyl)ether	7.342	93	36574	10.146	ng		99
12) 1,3-Dichlorobenzene	7.813	146	38730	10.211	ng		97
13) 1,4-Dichlorobenzene	7.959	146	39506	10.121	ng		97
14) 1,2-Dichlorobenzene	8.271	146	39323	10.249	ng		97
15) Benzyl Alcohol	8.153	79	31936	9.281	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.453	45	69480m	10.140	ng		
17) 2-Methylphenol	8.359	107	33057	10.072	ng		94
18) Hexachloroethane	9.005	117	14485	9.897	ng		83
19) n-Nitroso-di-n-propyla...	8.717	70	37409	10.208	ng		99
20) 3+4-Methylphenols	8.688	107	46737	9.653	ng		94
22) Acetophenone	8.735	105	69041	10.259	ng	#	97
24) Nitrobenzene	9.117	77	46911	9.525	ng		94
25) Isophorone	9.634	82	102871	10.118	ng		99
26) 2-Nitrophenol	9.828	139	16742	8.997	ng		92
27) 2,4-Dimethylphenol	9.887	122	27273	10.003	ng		94
28) bis(2-Chloroethoxy)met...	10.122	93	52769	9.695	ng		97
29) 2,4-Dichlorophenol	10.362	162	35445	9.298	ng		95
30) 1,2,4-Trichlorobenzene	10.580	180	44428	9.831	ng		97
31) Naphthalene	10.762	128	123809	10.013	ng		98
32) Benzoic acid	9.963	122	21117m	7.333	ng		
33) 4-Chloroaniline	10.868	127	48948	10.060	ng		94
34) Hexachlorobutadiene	11.050	225	32908	10.426	ng		92
35) Caprolactam	11.614	113	14928	10.162	ng		97
36) 4-Chloro-3-methylphenol	11.996	107	44636	9.707	ng		98
37) 2-Methylnaphthalene	12.372	142	97130	10.128	ng		96
38) 1-Methylnaphthalene	12.589	142	95472	9.915	ng		98
40) 1,2,4,5-Tetrachloroben...	12.742	216	61593	9.816	ng		99
41) Hexachlorocyclopentadiene	12.719	237	13479	7.529	ng		96
43) 2,4,6-Trichlorophenol	12.977	196	38873	9.772	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.048	196	44054	9.779	ng		98
46) 1,1'-Biphenyl	13.377	154	142032	10.203	ng		99
47) 2-Chloronaphthalene	13.418	162	112181	9.944	ng		100
48) 2-Nitroaniline	13.617	65	26160	8.816	ng		98
49) Acenaphthylene	14.264	152	167544	10.028	ng		96
50) Dimethylphthalate	13.999	163	158286	10.374	ng		99
51) 2,6-Dinitrotoluene	14.111	165	25879	8.967	ng		95
52) Acenaphthene	14.610	154	106114	10.160	ng		97
53) 3-Nitroaniline	14.440	138	25025	8.962	ng		98
54) 2,4-Dinitrophenol	14.646	184	12088	7.464	ng		98
55) Dibenzofuran	14.945	168	183980	10.272	ng		97
56) 4-Nitrophenol	14.751	139	21382	9.035	ng		96
57) 2,4-Dinitrotoluene	14.898	165	35548	9.028	ng	#	98
58) Fluorene	15.592	166	147486	10.492	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	44140	10.343	ng	#	95
60) Diethylphthalate	15.362	149	158188	10.461	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	84498	10.471	ng		98
62) 4-Nitroaniline	15.603	138	29533	9.592	ng		89
63) Azobenzene	15.874	77	148440	10.454	ng		95
65) 4,6-Dinitro-2-methylph...	15.662	198	20038	7.993	ng		96
66) n-Nitrosodiphenylamine	15.797	169	135110	10.003	ng		97
67) 4-Bromophenyl-phenylether	16.479	248	56575	9.758	ng		98
68) Hexachlorobenzene	16.596	284	67026	9.761	ng		96
69) Atrazine	16.743	200	53245	11.606	ng		99
70) Pentachlorophenol	16.937	266	38216	8.689	ng		97
71) Phenanthrene	17.331	178	268214	10.229	ng		100
72) Anthracene	17.419	178	261512	10.143	ng		99
73) Carbazole	17.689	167	245948	10.377	ng		99
74) Di-n-butylphthalate	18.253	149	271922	10.173	ng		100
75) Fluoranthene	19.340	202	350757	10.576	ng		99
77) Benzidine	19.522	184	88119	8.681	ng		96
78) Pyrene	19.704	202	372391	10.402	ng		100
80) Butylbenzylphthalate	20.598	149	97118	9.236	ng		97
81) Benzo(a)anthracene	21.514	228	361897	10.188	ng		98
82) 3,3'-Dichlorobenzidine	21.432	252	115547	9.985	ng		99
83) Chrysene	21.573	228	344764	10.133	ng		97
84) Bis(2-ethylhexyl)phtha...	21.432	149	152640	9.555	ng		98
85) Di-n-octyl phthalate	22.595	149	261447	9.347	ng		99
87) Indeno(1,2,3-cd)pyrene	28.053	276	403976	9.861	ng		100
88) Benzo(b)fluoranthene	23.629	252	347018	9.834	ng		97
89) Benzo(k)fluoranthene	23.694	252	345345	10.004	ng		98
90) Benzo(a)pyrene	24.452	252	310149	9.949	ng		96
91) Dibenzo(a,h)anthracene	28.112	278	328034	9.720	ng		99
92) Benzo(g,h,i)perylene	29.140	276	333466	9.799	ng		98

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

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