Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
Data File : BG059915.D
Acq On : 30 Nov 2023 18:36
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 03:25:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 03:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.965	152	25121	20.000	ng		0.00
21) Naphthalene-d8	10.768	136	123484	20.000	ng	#	0.00
39) Acenaphthene-d10	14.599	164	95182	20.000	ng		0.00
64) Phenanthrene-d10	17.348	188	232279	20.000	ng		0.00
76) Chrysene-d12	21.626	240	216157	20.000	ng		0.00
86) Perylene-d12	24.822	264	260151	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	32470	20.246	ng		0.00
7) Phenol-d6	7.113	99	46940	20.277	ng		0.00
23) Nitrobenzene-d5	9.123	82	37425	17.626	ng		0.00
42) 2,4,6-Tribromophenol	16.085	330	28028	19.187	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	134578	19.666	ng		0.00
79) Terphenyl-d14	19.975	244	270356	20.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	5329m	10.657	ng		
3) Pyridine	3.835	79	11553m	8.965	ng		
4) n-Nitrosodimethylamine	3.752	42	7186m	9.751	ng		
6) Aniline	7.284	93	25253	10.182	ng		97
8) 2-Chlorophenol	7.524	128	18120	10.030	ng		95
9) Benzaldehyde	7.101	77	16410	11.178	ng		93
10) Phenol	7.137	94	24299	10.027	ng		100
11) bis(2-Chloroethyl)ether	7.383	93	18946	10.140	ng		95
12) 1,3-Dichlorobenzene	7.853	146	19835	10.024	ng		96
13) 1,4-Dichlorobenzene	8.000	146	21042	10.319	ng		89
14) 1,2-Dichlorobenzene	8.323	146	20315	10.111	ng		95
15) Benzyl Alcohol	8.200	79	17657	9.867	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.488	45	36593	10.278	ng		94
17) 2-Methylphenol	8.394	107	16420	9.786	ng		97
18) Hexachloroethane	9.046	117	7546	10.301	ng		88
19) n-Nitroso-di-n-propyla...	8.764	70	17362	10.613	ng		99
20) 3+4-Methylphenols	8.717	107	23609	9.988	ng		95
22) Acetophenone	8.782	105	33629	9.837	ng		96
24) Nitrobenzene	9.164	77	20761	8.978	ng		92
25) Isophorone	9.687	82	50258	9.815	ng		97
26) 2-Nitrophenol	9.875	139	6417	8.558	ng		94
27) 2,4-Dimethylphenol	9.928	122	14669	9.880	ng		92
28) bis(2-Chloroethoxy)met...	10.174	93	28563	9.853	ng	#	90
29) 2,4-Dichlorophenol	10.403	162	19385	9.564	ng		96
30) 1,2,4-Trichlorobenzene	10.627	180	22908	9.694	ng		97
31) Naphthalene	10.821	128	68436	9.824	ng		98
32) Benzoic acid	9.986	122	8638m	11.402	ng		
33) 4-Chloroaniline	10.920	127	27311	9.679	ng		98
34) Hexachlorobutadiene	11.108	225	15676	9.888	ng		91
35) Caprolactam	11.667	113	7574	10.516	ng		97
36) 4-Chloro-3-methylphenol	12.037	107	24490	10.136	ng		93
37) 2-Methylnaphthalene	12.425	142	48297	9.795	ng		96
38) 1-Methylnaphthalene	12.648	142	50158m	10.053	ng		
40) 1,2,4,5-Tetrachloroben...	12.795	216	28038	9.453	ng		97
41) Hexachlorocyclopentadiene	12.777	237	9924	8.783	ng		95
43) 2,4,6-Trichlorophenol	13.030	196	17889	9.296	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	19817	9.086	ng		91
46) 1,1'-Biphenyl	13.435	154	72121	10.102	ng		99
47) 2-Chloronaphthalene	13.476	162	57152	9.681	ng		97
48) 2-Nitroaniline	13.670	65	12579	8.072	ng		97
49) Acenaphthylene	14.322	152	90889	10.023	ng		97
50) Dimethylphthalate	14.052	163	74535	9.760	ng		97
51) 2,6-Dinitrotoluene	14.170	165	11144	9.379	ng		96
52) Acenaphthene	14.669	154	54490	9.673	ng		99
53) 3-Nitroaniline	14.493	138	11365	8.524	ng	#	96
54) 2,4-Dinitrophenol	14.698	184	3224	11.607	ng	#	89
55) Dibenzofuran	14.998	168	87604	9.994	ng		97
56) 4-Nitrophenol	14.787	139	9259	8.539	ng		96
57) 2,4-Dinitrotoluene	14.951	165	13790	9.486	ng		96
58) Fluorene	15.650	166	72985	10.268	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.221	232	19122	9.645	ng		98
60) Diethylphthalate	15.421	149	76727	9.963	ng		99
61) 4-Chlorophenyl-phenyle...	15.644	204	38832	10.128	ng		98
62) 4-Nitroaniline	15.656	138	12906	9.044	ng		95
63) Azobenzene	15.938	77	72007	9.947	ng		96
65) 4,6-Dinitro-2-methylph...	15.709	198	5534	11.702	ng		91
66) n-Nitrosodiphenylamine	15.856	169	60351	9.644	ng		97
67) 4-Bromophenyl-phenylether	16.537	248	27092	9.765	ng		92
68) Hexachlorobenzene	16.649	284	32229	9.765	ng		96
69) Atrazine	16.802	200	24860	10.835	ng		96
70) Pentachlorophenol	16.990	266	16054	8.600	ng		95
71) Phenanthrene	17.389	178	118403	10.048	ng		98
72) Anthracene	17.483	178	118187	9.942	ng		100
73) Carbazole	17.748	167	110966	10.068	ng		99
74) Di-n-butylphthalate	18.324	149	133685	9.959	ng	#	98
75) Fluoranthene	19.405	202	152869	10.192	ng		99
77) Benzidine	19.587	184	21371	4.925	ng		96
78) Pyrene	19.769	202	157648	10.225	ng		99
80) Butylbenzylphthalate	20.668	149	52988	9.706	ng		97
81) Benzo(a)anthracene	21.602	228	149896	9.945	ng		96
82) 3,3'-Dichlorobenzidine	21.520	252	47528	9.679	ng		99
83) Chrysene	21.673	228	142078	9.939	ng		99
84) Bis(2-ethylhexyl)phtha...	21.537	149	80167	9.899	ng		97
85) Di-n-octyl phthalate	22.748	149	133687	9.616	ng		99
87) Indeno(1,2,3-cd)pyrene	28.465	276	188418	9.678	ng	#	92
88) Benzo(b)fluoranthene	23.805	252	160702	9.881	ng		99
89) Benzo(k)fluoranthene	23.876	252	152005	9.554	ng		98
90) Benzo(a)pyrene	24.663	252	138760	9.599	ng		100
91) Dibenzo(a,h)anthracene	28.541	278	155346	9.570	ng		99
92) Benzo(g,h,i)perylene	29.599	276	156316	9.644	ng		99

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

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