Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060200.D
Acq On : 2 Jan 2024 18:31
Operator : MA/JU
Sample : 06039-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 03 00:39:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EC48-NORTHMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/04/2024

01/03/2024
Supervised By :mohammad ahmed

01/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	245733	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	1019318	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	767770	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1830939	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1585454	20.000	ng	0.00
86) Perylene-d12	24.769	264	1768742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1837459	112.860	ng	0.00
7) Phenol-d6	7.101	99	2434339	100.704	ng	0.00
23) Nitrobenzene-d5	9.099	82	1431048	64.847	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1057061	102.853	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3632359	67.996	ng	0.00
79) Terphenyl-d14	19.945	244	4948307	60.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	241785	33.380	ng	# 91
3) Pyridine	3.805	79	664551	32.349	ng	99
4) n-Nitrosodimethylamine	3.723	42	296438	38.682	ng	98
6) Aniline	7.266	93	548975	22.667	ng	96
8) 2-Chlorophenol	7.501	128	673490	43.043	ng	96
9) Benzaldehyde	7.078	77	180514	12.420	ng	95
10) Phenol	7.130	94	1077576	44.205	ng	97
11) bis(2-Chloroethyl)ether	7.360	93	754391	38.244	ng	97
12) 1,3-Dichlorobenzene	7.824	146	721657	37.362	ng	99
13) 1,4-Dichlorobenzene	7.971	146	747940	38.302	ng	97
14) 1,2-Dichlorobenzene	8.294	146	728226	38.147	ng	98
15) Benzyl Alcohol	8.176	79	672787	44.839	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.458	45	1030797	40.717	ng	98
17) 2-Methylphenol	8.382	107	684821	44.865	ng	98
18) Hexachloroethane	9.022	117	247123	40.183	ng	94
19) n-Nitroso-di-n-propyla...	8.740	70	665877	40.322	ng	94
20) 3+4-Methylphenols	8.711	107	957519	44.261	ng	98
22) Acetophenone	8.758	105	1228573	40.681	ng	98
24) Nitrobenzene	9.146	77	892835	39.543	ng	98
25) Isophorone	9.663	82	1776537	38.477	ng	99
26) 2-Nitrophenol	9.857	139	356269	45.218	ng	94
27) 2,4-Dimethylphenol	9.910	122	606939	54.383	ng	97
28) bis(2-Chloroethoxy)met...	10.145	93	1122449	41.507	ng	98
29) 2,4-Dichlorophenol	10.391	162	804953	45.637	ng	96
30) 1,2,4-Trichlorobenzene	10.603	180	833204	38.811	ng	95
31) Naphthalene	10.791	128	2117675	39.352	ng	99
32) Benzoic acid	10.056	122	390272	41.028	ng	88
33) 4-Chloroaniline	10.902	127	203742	9.694	ng	97
34) Hexachlorobutadiene	11.073	225	483833	37.894	ng	99
35) Caprolactam	11.672	113	260681m	44.430	ng	
36) 4-Chloro-3-methylphenol	12.025	107	812015	44.733	ng	98
37) 2-Methylnaphthalene	12.401	142	1561820	40.181	ng	97
38) 1-Methylnaphthalene	12.618	142	1582717	40.274	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	1032095	41.967	ng	99
41) Hexachlorocyclopentadiene	12.747	237	1036182	130.351	ng	97
43) 2,4,6-Trichlorophenol	13.006	196	710309	43.952	ng	98

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44) 2,4,5-Trichlorophenol	13.082	196	791178	43.762	ng		99
46) 1,1'-Biphenyl	13.411	154	2410084	42.666	ng		99
47) 2-Chloronaphthalene	13.452	162	1952410	40.569	ng		99
48) 2-Nitroaniline	13.658	65	579010	46.037	ng		97
49) Acenaphthylene	14.298	152	3096105	44.650	ng		98
50) Dimethylphthalate	14.034	163	2648870	44.686	ng		98
51) 2,6-Dinitrotoluene	14.152	165	521977	42.335	ng		90
52) Acenaphthene	14.639	154	1754446	40.546	ng		99
53) 3-Nitroaniline	14.481	138	185148	15.937	ng		87
54) 2,4-Dinitrophenol	14.686	184	604641	83.778	ng		97
55) Dibenzofuran	14.974	168	3009281	41.518	ng		97
56) 4-Nitrophenol	14.792	139	892162	101.593	ng		97
57) 2,4-Dinitrotoluene	14.939	165	727354	43.384	ng		98
58) Fluorene	15.626	166	2430576	40.886	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	694287	44.059	ng		99
60) Diethylphthalate	15.397	149	2348663	41.548	ng		99
61) 4-Chlorophenyl-phenyle...	15.615	204	1235440	39.912	ng		97
62) 4-Nitroaniline	15.650	138	503751	41.140	ng		98
63) Azobenzene	15.908	77	2487474	42.443	ng		97
65) 4,6-Dinitro-2-methylph...	15.703	198	398050	43.448	ng		97
66) n-Nitrosodiphenylamine	15.832	169	2165008	43.881	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	800756	41.251	ng		95
68) Hexachlorobenzene	16.625	284	921300	40.479	ng		94
69) Atrazine	16.784	200	859157	47.380	ng		98
70) Pentachlorophenol	16.972	266	1112876	89.008	ng		95
71) Phenanthrene	17.365	178	3798114	41.967	ng		96
72) Anthracene	17.459	178	3830027	42.605	ng		96
73) Carbazole	17.730	167	3553931	41.682	ng		97
74) Di-n-butylphthalate	18.288	149	3719538	45.016	ng		97
75) Fluoranthene	19.381	202	4184915	39.422	ng		96
77) Benzidine	19.563	184	1907112	43.462	ng		98
78) Pyrene	19.745	202	4343950	40.759	ng		95
80) Butylbenzylphthalate	20.632	149	1673237	53.245	ng		96
81) Benzo(a)anthracene	21.572	228	4255189	42.212	ng		96
82) 3,3'-Dichlorobenzidine	21.490	252	785885	21.439	ng		98
83) Chrysene	21.637	228	4046987	41.324	ng		96
84) Bis(2-ethylhexyl)phtha...	21.484	149	2542062	53.342	ng		99
85) Di-n-octyl phthalate	22.677	149	4248296	54.459	ng		99
87) Indeno(1,2,3-cd)pyrene	28.388	276	5402777	43.326	ng	#	93
88) Benzo(b)fluoranthene	23.758	252	4461912	41.978	ng		98
89) Benzo(k)fluoranthene	23.828	252	4452633	41.621	ng		98
90) Benzo(a)pyrene	24.622	252	4108378	42.723	ng		99
91) Dibenzo(a,h)anthracene	28.458	278	4458638	43.516	ng		98
92) Benzo(g,h,i)perylene	29.528	276	4339652	41.815	ng		98

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

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