Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
Data File : BG060388.D
Acq On : 22 Jan 2024 17:06
Operator : MA/JU
Sample : P1203-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 22 17:40:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.924	152	205689	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	840035	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	643587	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	1531270	20.000	ng		0.00
76) Chrysene-d12	21.579	240	1409272	20.000	ng		0.00
86) Perylene-d12	24.751	264	1678739	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	1114659	89.133	ng		0.00
7) Phenol-d6	7.096	99	1673602	90.378	ng		0.00
23) Nitrobenzene-d5	9.087	82	990892	55.700	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	801239	84.617	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	2262004	48.865	ng		0.00
79) Terphenyl-d14	19.933	244	3393009	52.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.400	88	174423	30.534	ng		98
3) Pyridine	3.794	79	445400	27.635	ng		92
4) n-Nitrosodimethylamine	3.711	42	171740	34.047	ng		100
6) Aniline	7.254	93	441821	23.870	ng		98
8) 2-Chlorophenol	7.495	128	648200	52.301	ng		92
9) Benzaldehyde	7.066	77	414699m	39.015	ng		
10) Phenol	7.125	94	967761	52.124	ng		98
11) bis(2-Chloroethyl)ether	7.348	93	710887	46.988	ng		97
12) 1,3-Dichlorobenzene	7.812	146	689450	44.320	ng		98
13) 1,4-Dichlorobenzene	7.965	146	709161	44.930	ng		100
14) 1,2-Dichlorobenzene	8.282	146	697847	42.998	ng		99
15) Benzyl Alcohol	8.165	79	598353	49.917	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	809196	44.068	ng		98
17) 2-Methylphenol	8.370	107	628588	49.292	ng		99
18) Hexachloroethane	9.011	117	255276	46.129	ng		94
19) n-Nitroso-di-n-propyla...	8.729	70	561745	43.831	ng		97
20) 3+4-Methylphenols	8.700	107	855403	49.751	ng		96
22) Acetophenone	8.747	105	1078842	46.721	ng	#	99
24) Nitrobenzene	9.134	77	808354	43.833	ng		96
25) Isophorone	9.651	82	1566628	43.851	ng		98
26) 2-Nitrophenol	9.839	139	363998	53.682	ng		96
27) 2,4-Dimethylphenol	9.904	122	542123	60.507	ng		97
28) bis(2-Chloroethoxy)met...	10.133	93	959874	43.973	ng		98
29) 2,4-Dichlorophenol	10.380	162	774771	53.362	ng		95
30) 1,2,4-Trichlorobenzene	10.591	180	830851	45.997	ng		98
31) Naphthalene	10.779	128	2046129	46.467	ng		99
32) Benzoic acid	10.045	122	478695	57.843	ng		96
33) 4-Chloroaniline	10.891	127	250039	14.737	ng		98
34) Hexachlorobutadiene	11.061	225	518981	44.105	ng		98
35) Caprolactam	11.667	113	267059m	57.108	ng		
36) 4-Chloro-3-methylphenol	12.019	107	800490	54.271	ng		99
37) 2-Methylnaphthalene	12.389	142	1545066	47.310	ng		96
38) 1-Methylnaphthalene	12.613	142	1500195	45.746	ng		99
40) 1,2,4,5-Tetrachloroben...	12.759	216	1062742	46.495	ng		98
41) Hexachlorocyclopentadiene	12.736	237	934596	123.156	ng		97
43) 2,4,6-Trichlorophenol	13.000	196	732705	50.371	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	833259	51.935	ng		95
46) 1,1'-Biphenyl	13.400	154	2190803	45.097	ng		99
47) 2-Chloronaphthalene	13.447	162	1843090	44.286	ng		98
48) 2-Nitroaniline	13.647	65	555853	53.630	ng		97
49) Acenaphthylene	14.293	152	2939308	51.287	ng		99
50) Dimethylphthalate	14.023	163	2227404	45.289	ng		99
51) 2,6-Dinitrotoluene	14.140	165	517362	49.299	ng		97
52) Acenaphthene	14.634	154	2289977	64.169	ng		98
53) 3-Nitroaniline	14.469	138	245492	25.672	ng		94
54) 2,4-Dinitrophenol	14.681	184	635739	97.776	ng		97
55) Dibenzofuran	14.969	168	3242062	54.422	ng		94
56) 4-Nitrophenol	14.792	139	852829	120.238	ng		95
57) 2,4-Dinitrotoluene	14.933	165	735576	51.114	ng		90
58) Fluorene	15.615	166	3056301	61.952	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	726442	53.320	ng	#	96
60) Diethylphthalate	15.386	149	2157352	45.691	ng		98
61) 4-Chlorophenyl-phenyle...	15.609	204	1202443	44.246	ng		98
62) 4-Nitroaniline	15.644	138	483730	47.529	ng		97
63) Azobenzene	15.903	77	2222158	46.531	ng		92
65) 4,6-Dinitro-2-methylph...	15.697	198	444818	52.509	ng		96
66) n-Nitrosodiphenylamine	15.826	169	2049864	50.416	ng		99
67) 4-Bromophenyl-phenylether	16.502	248	785897	46.708	ng		97
68) Hexachlorobenzene	16.620	284	903599	45.369	ng		97
69) Atrazine	16.772	200	800096	52.187	ng		96
70) Pentachlorophenol	16.966	266	1134931	105.718	ng		94
71) Phenanthrene	17.360	178	6358814m	85.913	ng		
72) Anthracene	17.448	178	4147735	56.129	ng		98
73) Carbazole	17.718	167	3353796	48.141	ng		97
74) Di-n-butylphthalate	18.271	149	3564693	49.730	ng		100
75) Fluoranthene	19.375	202	6788002	76.357	ng		71
77) Benzidine	19.552	184	1420977	46.412	ng		99
78) Pyrene	19.740	202	6420696	71.345	ng	#	82
80) Butylbenzylphthalate	20.621	149	1719542	55.536	ng		97
81) Benzo(a)anthracene	21.561	228	5342705m	61.238	ng		
82) 3,3'-Dichlorobenzidine	21.479	252	684702	20.493	ng		98
83) Chrysene	21.626	228	5106014	59.507	ng		96
84) Bis(2-ethylhexyl)phtha...	21.461	149	2490911	53.239	ng		95
85) Di-n-octyl phthalate	22.654	149	4241094	55.937	ng		100
87) Indeno(1,2,3-cd)pyrene	28.376	276	6655408	57.018	ng	#	93
88) Benzo(b)fluoranthene	23.741	252	6641636	66.970	ng		99
89) Benzo(k)fluoranthene	23.811	252	5181248	52.943	ng		98
90) Benzo(a)pyrene	24.604	252	5374781	59.994	ng		96
91) Dibenzo(a,h)anthracene	28.423	278	4850554	50.884	ng		99
92) Benzo(g,h,i)perylene	29.499	276	5241518	53.649	ng		99

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

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