Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057794.D
Acq On : 21 Jun 2023 21:30
Operator : CG/JU
Sample : 03074-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 22 04:53:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	34116	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	158431	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	122875	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	313189	20.000	ng		0.00
76) Chrysene-d12	21.554	240	259039	20.000	ng		0.00
86) Perylene-d12	24.710	264	328033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	266747	120.559	ng		0.00
7) Phenol-d6	7.083	99	394780	116.935	ng		0.00
23) Nitrobenzene-d5	9.081	82	226740	73.452	ng		-0.01
42) 2,4,6-Tribromophenol	16.049	330	200782	117.304	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	555393	68.557	ng		0.00
79) Terphenyl-d14	19.915	244	1030316	74.166	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	32522	32.290	ng		97
3) Pyridine	3.787	79	88508	28.853	ng		99
4) n-Nitrosodimethylamine	3.705	42	50378	35.942	ng		92
6) Aniline	7.248	93	112723	26.077	ng		98
8) 2-Chlorophenol	7.483	128	107212	47.101	ng		98
9) Benzaldehyde	7.060	77	60871m	28.675	ng		
10) Phenol	7.113	94	154572	46.501	ng		96
11) bis(2-Chloroethyl)ether	7.342	93	97592	38.186	ng		99
12) 1,3-Dichlorobenzene	7.812	146	95540	41.244	ng		94
13) 1,4-Dichlorobenzene	7.959	146	94885	40.425	ng		96
14) 1,2-Dichlorobenzene	8.276	146	95254	41.941	ng		96
15) Benzyl Alcohol	8.158	79	108633	42.082	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	175626	35.773	ng		98
17) 2-Methylphenol	8.364	107	106491	43.557	ng		94
18) Hexachloroethane	9.004	117	33453	40.420	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	89160	37.881	ng		95
20) 3+4-Methylphenols	8.687	107	148440	43.955	ng		97
22) Acetophenone	8.746	105	173389	39.027	ng	#	95
24) Nitrobenzene	9.128	77	125623	39.102	ng		92
25) Isophorone	9.645	82	266259	37.754	ng		100
26) 2-Nitrophenol	9.839	139	56085	54.872	ng		95
27) 2,4-Dimethylphenol	9.898	122	109987	43.464	ng		97
28) bis(2-Chloroethoxy)met...	10.133	93	148312	39.050	ng		100
29) 2,4-Dichlorophenol	10.368	162	112369	46.761	ng		97
30) 1,2,4-Trichlorobenzene	10.585	180	107545	40.150	ng		92
31) Naphthalene	10.779	128	328667	38.978	ng		99
32) Benzoic acid	10.027	122	97370	52.262	ng		98
33) 4-Chloroaniline	10.879	127	54451	13.937	ng		96
34) Hexachlorobutadiene	11.061	225	64071	39.207	ng		97
35) Caprolactam	11.660	113	45602m	46.765	ng		
36) 4-Chloro-3-methylphenol	12.007	107	144059	45.902	ng		99
37) 2-Methylnaphthalene	12.383	142	237204	38.594	ng		99
38) 1-Methylnaphthalene	12.606	142	226287	39.002	ng		98
40) 1,2,4,5-Tetrachloroben...	12.747	216	128812	37.814	ng		97
41) Hexachlorocyclopentadiene	12.729	237	165542	91.536	ng		97
43) 2,4,6-Trichlorophenol	12.988	196	105408	43.216	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	117751	41.416	ng	96
46) 1,1'-Biphenyl	13.393	154	324166	38.422	ng	97
47) 2-Chloronaphthalene	13.435	162	257412	39.714	ng	99
48) 2-Nitroaniline	13.634	65	105150	45.650	ng	97
49) Acenaphthylene	14.281	152	432779	38.900	ng	99
50) Dimethylphthalate	14.016	163	366150	38.797	ng	99
51) 2,6-Dinitrotoluene	14.134	165	79442	45.712	ng	90
52) Acenaphthene	14.621	154	307086m	44.586	ng	
53) 3-Nitroaniline	14.463	138	45731	23.350	ng	85
54) 2,4-Dinitrophenol	14.668	184	98158	104.369	ng	94
55) Dibenzofuran	14.956	168	428768	38.717	ng	100
56) 4-Nitrophenol	14.768	139	149904	96.310	ng	97
57) 2,4-Dinitrotoluene	14.915	165	114929	48.766	ng	97
58) Fluorene	15.603	166	345378	39.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	109220	45.077	ng	99
60) Diethylphthalate	15.379	149	383993	39.660	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	184741	39.634	ng	96
62) 4-Nitroaniline	15.626	138	85705	42.925	ng	99
63) Azobenzene	15.890	77	401097	40.499	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	68648	47.745	ng	96
66) n-Nitrosodiphenylamine	15.814	169	311003	37.624	ng	97
67) 4-Bromophenyl-phenylether	16.490	248	127080	38.260	ng	94
68) Hexachlorobenzene	16.607	284	138497	40.902	ng	98
69) Atrazine	16.760	200	132130	46.566	ng	97
70) Pentachlorophenol	16.948	266	188360	75.299	ng	98
71) Phenanthrene	17.342	178	576204	37.998	ng	99
72) Anthracene	17.436	178	593500	38.329	ng	99
73) Carbazole	17.706	167	559424	39.183	ng	100
74) Di-n-butylphthalate	18.264	149	663362	39.241	ng	100
75) Fluoranthene	19.357	202	684040	37.866	ng	100
77) Benzidine	19.533	184	224975	37.050	ng	99
78) Pyrene	19.715	202	710211	38.434	ng	99
80) Butylbenzylphthalate	20.608	149	297442	42.314	ng	95
81) Benzo(a)anthracene	21.537	228	701335	39.462	ng	98
82) 3,3'-Dichlorobenzidine	21.455	252	151070	24.992	ng	97
83) Chrysene	21.601	228	644876	37.809	ng	98
84) Bis(2-ethylhexyl)phtha...	21.449	149	419009	41.056	ng	100
85) Di-n-octyl phthalate	22.641	149	753334	42.084	ng	97
87) Indeno(1,2,3-cd)pyrene	28.299	276	856370	39.929	ng	99
88) Benzo(b)fluoranthene	23.705	252	736700	40.983	ng	98
89) Benzo(k)fluoranthene	23.775	252	709393	38.748	ng	99
90) Benzo(a)pyrene	24.557	252	652524	36.962	ng	98
91) Dibenzo(a,h)anthracene	28.364	278	712512	40.040	ng	99
92) Benzo(g,h,i)perylene	29.422	276	704226	39.523	ng	98

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

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