Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059830.D
Acq On : 22 Nov 2023 23:06
Operator : MA/JU
Sample : 05449-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 23 01:31:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-SED-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.337	152	21442	20.000	ng		0.00
21) Naphthalene-d8	11.175	136	94127	20.000	ng		#-0.02
39) Acenaphthene-d10	14.965	164	80194	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	204634	20.000	ng		# 0.00
76) Chrysene-d12	22.045	240	174501	20.000	ng		# 0.00
86) Perylene-d12	25.623	264	192445	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	10079	7.912	ng		0.00
7) Phenol-d6	7.450	99	56611	29.987	ng		0.00
23) Nitrobenzene-d5	9.530	82	254877	103.416	ng		-0.01
42) 2,4,6-Tribromophenol	16.451	330	12058	13.252	ng		0.00
45) 2-Fluorobiphenyl	13.584	172	596073	100.050	ng		-0.01
79) Terphenyl-d14	20.288	244	749549	63.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.654	88	14146	23.642	ng	#	81
3) Pyridine	4.072	79	40814	24.974	ng		93
4) n-Nitrosodimethylamine	4.001	42	30691	35.301	ng	#	63
6) Aniline	7.650	93	76665	30.772	ng	#	88
8) 2-Chlorophenol	7.879	128	10130	7.330	ng		97
9) Benzaldehyde	7.468	77	8740	6.849	ng	#	79
10) Phenol	7.479	94	20440	10.505	ng		90
11) bis(2-Chloroethyl)ether	7.744	93	48075	39.692	ng		92
12) 1,3-Dichlorobenzene	8.208	146	64756	42.183	ng		95
13) 1,4-Dichlorobenzene	8.372	146	65509	42.495	ng		93
14) 1,2-Dichlorobenzene	8.684	146	62591	40.867	ng		92
15) Benzyl Alcohol	8.572	79	100016	46.459	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.842	45	18860	42.323	ng	#	65
17) 2-Methylphenol	8.754	107	29703	20.726	ng		84
18) Hexachloroethane	9.412	117	28974	44.282	ng		91
19) n-Nitroso-di-n-propyla...	9.136	70	64930	43.676	ng	#	88
20) 3+4-Methylphenols	9.083	107	36435	18.314	ng		95
22) Acetophenone	9.177	105	135510	50.851	ng		98
24) Nitrobenzene	9.577	77	111113	48.952	ng		95
25) Isophorone	10.076	82	191032	46.170	ng		99
26) 2-Nitrophenol	10.282	139	7755	9.319	ng	#	64
27) 2,4-Dimethylphenol	10.305	122	38283	22.626	ng		87
28) bis(2-Chloroethoxy)met...	10.564	93	79161	50.913	ng		93
29) 2,4-Dichlorophenol	10.811	162	12307	8.519	ng		94
30) 1,2,4-Trichlorobenzene	11.022	180	72919	49.946	ng		92
31) Naphthalene	11.228	128	232428	49.107	ng	#	95
33) 4-Chloroaniline	11.351	127	86351	42.893	ng	#	93
34) Hexachlorobutadiene	11.457	225	52633	52.971	ng		95
35) Caprolactam	12.127	113	19536	37.003	ng		90
36) 4-Chloro-3-methylphenol	12.421	107	45175	23.514	ng		95
37) 2-Methylnaphthalene	12.808	142	214944	53.920	ng		92
38) 1-Methylnaphthalene	13.032	142	181732	49.435	ng		89
40) 1,2,4,5-Tetrachloroben...	13.155	216	97161	44.862	ng		98
41) Hexachlorocyclopentadiene	13.102	237	109184	80.369	ng		89
43) 2,4,6-Trichlorophenol	13.402	196	1707m	1.133	ng		
44) 2,4,5-Trichlorophenol	13.461	196	6793	3.839	ng	#	36

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.801	154	321335	51.049	ng		98
47) 2-Chloronaphthalene	13.854	162	223833	51.752	ng		98
48) 2-Nitroaniline	14.072	65	94902	61.457	ng	#	89
49) Acenaphthylene	14.694	152	400322	54.283	ng		96
50) Dimethylphthalate	14.407	163	222427	35.791	ng		98
51) 2,6-Dinitrotoluene	14.548	165	66840	56.694	ng		98
52) Acenaphthene	15.029	154	223109	50.304	ng		95
53) 3-Nitroaniline	14.894	138	73434	53.214	ng	#	85
55) Dibenzofuran	15.358	168	381711	52.200	ng	#	88
57) 2,4-Dinitrotoluene	15.329	165	102045	56.284	ng		95
58) Fluorene	16.005	166	331963	54.642	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.552	232	1612m	1.036	ng		
60) Diethylphthalate	15.746	149	325502	48.837	ng		98
61) 4-Chlorophenyl-phenyle...	15.987	204	166756	53.328	ng		99
62) 4-Nitroaniline	16.052	138	72467	52.397	ng		96
63) Azobenzene	16.281	77	384518	51.914	ng		92
66) n-Nitrosodiphenylamine	16.210	169	306987	51.355	ng		97
67) 4-Bromophenyl-phenylether	16.886	248	112837	51.327	ng		98
68) Hexachlorobenzene	16.980	284	120289	58.625	ng		94
69) Atrazine	17.144	200	137632	71.812	ng		95
70) Pentachlorophenol	17.327	266	2351	1.502	ng	#	60
71) Phenanthrene	17.756	178	546696	52.546	ng		95
72) Anthracene	17.850	178	563230	52.103	ng		98
73) Carbazole	18.126	167	499275	52.868	ng		98
74) Di-n-butylphthalate	18.625	149	603610	52.878	ng	#	96
75) Fluoranthene	19.753	202	642596	51.503	ng		97
77) Benzidine	19.941	184	449525	113.604	ng		97
78) Pyrene	20.117	202	635856	53.555	ng		99
80) Butylbenzylphthalate	20.969	149	257462	52.884	ng		97
81) Benzo(a)anthracene	22.021	228	604323	50.614	ng		96
82) 3,3'-Dichlorobenzidine	21.933	252	197020	44.292	ng	#	98
83) Chrysene	22.098	228	552544	50.483	ng		94
84) Bis(2-ethylhexyl)phtha...	21.845	149	343012	50.401	ng	#	96
85) Di-n-octyl phthalate	23.179	149	575634	43.936	ng		96
87) Indeno(1,2,3-cd)pyrene	29.788	276	1048251	71.987	ng	#	73
88) Benzo(b)fluoranthene	24.471	252	655818	62.176	ng	#	95
89) Benzo(k)fluoranthene	24.548	252	590244	56.603	ng	#	99
90) Benzo(a)pyrene	25.458	252	543255	48.259	ng	#	99
91) Dibenzo(a,h)anthracene	29.888	278	895570	72.693	ng	#	97
92) Benzo(g,h,i)perylene	31.134	276	800980	68.521	ng	#	90

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

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