Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059872.D
Acq On : 25 Nov 2023 00:26
Operator : MA/JU
Sample : 05408-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 25 01:04:32 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 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.317	152	40462	20.000	ng		# 0.00
21) Naphthalene-d8	11.167	136	202110	20.000	ng		# 0.00
39) Acenaphthene-d10	14.951	164	153820	20.000	ng		0.00
64) Phenanthrene-d10	17.700	188	335584	20.000	ng		# 0.00
76) Chrysene-d12	22.025	240	249971	20.000	ng		# 0.00
86) Perylene-d12	25.585	264	288200	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	151961	63.213	ng		0.00
7) Phenol-d6	7.442	99	188051	52.787	ng		0.00
23) Nitrobenzene-d5	9.522	82	259021	48.946	ng		0.00
42) 2,4,6-Tribromophenol	16.437	330	160171	91.774	ng		0.00
45) 2-Fluorobiphenyl	13.570	172	590203	51.647	ng		0.00
79) Terphenyl-d14	20.274	244	1053272	62.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	26827	23.760	ng	#	81
3) Pyridine	4.058	79	83710	27.144	ng	#	84
4) n-Nitrosodimethylamine	3.987	42	72495	44.188	ng	#	67
6) Aniline	7.642	93	70471	14.989	ng	#	95
8) 2-Chlorophenol	7.871	128	119438	45.798	ng		90
9) Benzaldehyde	7.454	77	16296	6.767	ng	#	64
10) Phenol	7.465	94	125925	34.297	ng		94
11) bis(2-Chloroethyl)ether	7.730	93	66836	29.242	ng		79
12) 1,3-Dichlorobenzene	8.206	146	111530	38.501	ng		96
13) 1,4-Dichlorobenzene	8.358	146	139454	47.939	ng		93
14) 1,2-Dichlorobenzene	8.670	146	129650	44.859	ng		95
15) Benzyl Alcohol	8.564	79	193587	47.654	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.834	45	36852	43.824	ng	#	61
17) 2-Methylphenol	8.746	107	126121	46.636	ng		97
18) Hexachloroethane	9.398	117	60582	49.066	ng		85
19) n-Nitroso-di-n-propyla...	9.122	70	122907	43.811	ng		98
20) 3+4-Methylphenols	9.081	107	180443	48.063	ng		96
22) Acetophenone	9.163	105	244405	42.713	ng		93
24) Nitrobenzene	9.569	77	202060	41.458	ng		96
25) Isophorone	10.068	82	344044	38.725	ng		97
26) 2-Nitrophenol	10.274	139	76445	42.782	ng		94
27) 2,4-Dimethylphenol	10.297	122	134303	36.967	ng	#	80
28) bis(2-Chloroethoxy)met...	10.556	93	141255	42.310	ng		92
29) 2,4-Dichlorophenol	10.797	162	151314	48.783	ng		88
30) 1,2,4-Trichlorobenzene	11.014	180	150209	47.916	ng		93
31) Naphthalene	11.220	128	445252	43.811	ng		95
32) Benzoic acid	10.427	122	107901	43.641	ng	#	81
33) 4-Chloroaniline	11.331	127	34212	7.915	ng	#	89
34) Hexachlorobutadiene	11.443	225	96447	45.206	ng		99
35) Caprolactam	12.130	113	51029m	45.014	ng		
36) 4-Chloro-3-methylphenol	12.412	107	200738	48.661	ng	#	84
37) 2-Methylnaphthalene	12.800	142	352123	41.138	ng	#	81
38) 1-Methylnaphthalene	13.018	142	343018	43.456	ng		97
40) 1,2,4,5-Tetrachloroben...	13.141	216	184170	44.334	ng		98
41) Hexachlorocyclopentadiene	13.094	237	225214	86.428	ng		97
43) 2,4,6-Trichlorophenol	13.388	196	129856	44.952	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.464	196	139231	41.019	ng	#	86
46) 1,1'-Biphenyl	13.787	154	519744	43.048	ng		97
47) 2-Chloronaphthalene	13.840	162	377954	45.558	ng		95
48) 2-Nitroaniline	14.058	65	137293	46.352	ng		97
49) Acenaphthylene	14.686	152	634031	44.822	ng		98
50) Dimethylphthalate	14.398	163	501557	42.076	ng	#	98
51) 2,6-Dinitrotoluene	14.539	165	96952	42.874	ng	#	79
52) Acenaphthene	15.015	154	375240	44.109	ng		98
53) 3-Nitroaniline	14.880	138	52705	19.912	ng		100
54) 2,4-Dinitrophenol	15.080	184	131941	78.518	ng	#	62
55) Dibenzofuran	15.350	168	619463	44.165	ng		93
56) 4-Nitrophenol	15.162	139	166118	82.030	ng	#	80
57) 2,4-Dinitrotoluene	15.321	165	155046	44.584	ng	#	99
58) Fluorene	15.996	166	522100	44.804	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.556	232	133284	44.670	ng		97
60) Diethylphthalate	15.738	149	577743	45.191	ng		100
61) 4-Chlorophenyl-phenyle...	15.973	204	270431	45.087	ng		91
62) 4-Nitroaniline	16.043	138	93173	35.122	ng	#	89
63) Azobenzene	16.273	77	587919	41.382	ng		96
65) 4,6-Dinitro-2-methylph...	16.067	198	96385	46.998	ng		97
66) n-Nitrosodiphenylamine	16.196	169	475462	48.501	ng		98
67) 4-Bromophenyl-phenylether	16.872	248	171953	47.696	ng		97
68) Hexachlorobenzene	16.966	284	176522	52.461	ng	#	92
69) Atrazine	17.130	200	195613	62.238	ng		99
70) Pentachlorophenol	17.324	266	216375	84.288	ng		94
71) Phenanthrene	17.741	178	808049	47.360	ng		98
72) Anthracene	17.836	178	799754	45.114	ng		97
73) Carbazole	18.112	167	664126	42.882	ng		98
74) Di-n-butylphthalate	18.611	149	843378	45.052	ng		98
75) Fluoranthene	19.739	202	838905	41.000	ng		98
77) Benzidine	19.921	184	168605	29.745	ng		95
78) Pyrene	20.103	202	824463	48.475	ng		99
80) Butylbenzylphthalate	20.955	149	334581	47.976	ng		96
81) Benzo(a)anthracene	22.001	228	777090	45.434	ng		99
82) 3,3'-Dichlorobenzidine	21.913	252	151099	23.713	ng	#	95
83) Chrysene	22.078	228	687675	43.860	ng		96
84) Bis(2-ethylhexyl)phtha...	21.825	149	441258	45.261	ng	#	98
85) Di-n-octyl phthalate	23.153	149	728765	38.830	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.745	276	986276	45.227	ng	#	73
88) Benzo(b)fluoranthene	24.440	252	794054m	50.269	ng		
89) Benzo(k)fluoranthene	24.516	252	737598	47.232	ng	#	97
90) Benzo(a)pyrene	25.421	252	703254	41.716	ng		98
91) Dibenzo(a,h)anthracene	29.833	278	848817	46.007	ng	#	97
92) Benzo(g,h,i)perylene	31.067	276	752091	42.962	ng	#	92

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

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