Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059905.D
Acq On : 27 Nov 2023 16:55
Operator : MA/JU
Sample : 05425-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 27 23:12:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 13:17:45 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/28/2023
Supervised By :mohammad ahmed
11/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.307	152	38471	20.000	ng		0.00
21) Naphthalene-d8	11.157	136	179957	20.000	ng	#	0.00
39) Acenaphthene-d10	14.941	164	120195	20.000	ng		0.00
64) Phenanthrene-d10	17.691	188	265831	20.000	ng		0.00
76) Chrysene-d12	22.015	240	220748	20.000	ng		0.00
86) Perylene-d12	25.570	264	241654	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	239537	104.799	ng		0.00
7) Phenol-d6	7.438	99	391130	115.475	ng		0.00
23) Nitrobenzene-d5	9.512	82	342498	72.688	ng		0.00
42) 2,4,6-Tribromophenol	16.427	330	181042	132.752	ng		0.00
45) 2-Fluorobiphenyl	13.560	172	720502	80.688	ng		0.00
79) Terphenyl-d14	20.264	244	1108349	74.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.625	88	27371	25.496	ng	#	93
3) Pyridine	4.048	79	65763	22.428	ng		94
4) n-Nitrosodimethylamine	3.971	42	54200	34.746	ng	#	53
6) Aniline	7.632	93	82224	18.394	ng		97
8) 2-Chlorophenol	7.855	128	122022	49.210	ng		88
9) Benzaldehyde	7.456	77	23934	10.454	ng	#	82
10) Phenol	7.461	94	163752	46.908	ng		93
11) bis(2-Chloroethyl)ether	7.720	93	90658	41.718	ng		93
12) 1,3-Dichlorobenzene	8.184	146	126640	45.979	ng		94
13) 1,4-Dichlorobenzene	8.343	146	133793	48.373	ng		96
14) 1,2-Dichlorobenzene	8.666	146	129728	47.209	ng		93
15) Benzyl Alcohol	8.548	79	183278	47.451	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.825	45	35323	44.180	ng	#	63
17) 2-Methylphenol	8.736	107	117167	45.568	ng		92
18) Hexachloroethane	9.394	117	55492	47.270	ng		93
19) n-Nitroso-di-n-propyla...	9.112	70	113418	42.521	ng	#	94
20) 3+4-Methylphenols	9.065	107	158001	44.263	ng		97
22) Acetophenone	9.148	105	235036	46.132	ng		97
24) Nitrobenzene	9.553	77	192307	44.314	ng		94
25) Isophorone	10.058	82	327606	41.414	ng		98
26) 2-Nitrophenol	10.258	139	70645	44.403	ng		92
27) 2,4-Dimethylphenol	10.282	122	122186	37.772	ng		96
28) bis(2-Chloroethoxy)met...	10.540	93	137375	46.213	ng	#	95
29) 2,4-Dichlorophenol	10.787	162	141119	51.096	ng		89
30) 1,2,4-Trichlorobenzene	11.004	180	141591	50.727	ng		92
31) Naphthalene	11.204	128	419553	46.365	ng		97
32) Benzoic acid	10.417	122	89727	40.757	ng	#	57
33) 4-Chloroaniline	11.327	127	30407	7.900	ng	#	91
34) Hexachlorobutadiene	11.427	225	94116	49.544	ng		94
35) Caprolactam	12.115	113	43363m	42.960	ng		
36) 4-Chloro-3-methylphenol	12.403	107	180665	49.187	ng		96
37) 2-Methylnaphthalene	12.785	142	329850	43.280	ng	#	85
38) 1-Methylnaphthalene	13.002	142	315536	44.895	ng		100
40) 1,2,4,5-Tetrachloroben...	13.131	216	171404	52.804	ng		99
41) Hexachlorocyclopentadiene	13.084	237	213078	104.646	ng		94
43) 2,4,6-Trichlorophenol	13.372	196	116913	51.794	ng		85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	122466	46.174	ng	#	74
46) 1,1'-Biphenyl	13.778	154	463571	49.137	ng		96
47) 2-Chloronaphthalene	13.830	162	334060	51.532	ng		96
48) 2-Nitroaniline	14.048	65	114254	49.365	ng		90
49) Acenaphthylene	14.671	152	550039	49.762	ng	#	95
50) Dimethylphthalate	14.383	163	449202	48.226	ng		98
51) 2,6-Dinitrotoluene	14.530	165	84930	48.064	ng		96
52) Acenaphthene	15.006	154	314599	47.326	ng		96
53) 3-Nitroaniline	14.870	138	37560	18.160	ng	#	88
54) 2,4-Dinitrophenol	15.064	184	109062	83.059	ng	#	61
55) Dibenzofuran	15.335	168	522760	47.697	ng		94
56) 4-Nitrophenol	15.152	139	140635	88.874	ng		94
57) 2,4-Dinitrotoluene	15.305	165	126321	46.486	ng	#	95
58) Fluorene	15.987	166	434528	47.721	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.546	232	108859	46.691	ng		96
60) Diethylphthalate	15.728	149	492889	49.340	ng		97
61) 4-Chlorophenyl-phenyle...	15.963	204	218579	46.637	ng		96
62) 4-Nitroaniline	16.028	138	79004	38.113	ng		97
63) Azobenzene	16.257	77	483603	43.563	ng		97
65) 4,6-Dinitro-2-methylph...	16.057	198	78432	48.279	ng		86
66) n-Nitrosodiphenylamine	16.186	169	388461	50.024	ng		97
67) 4-Bromophenyl-phenylether	16.862	248	143030	50.084	ng		97
68) Hexachlorobenzene	16.956	284	150081	56.306	ng		97
69) Atrazine	17.121	200	154683	62.129	ng		96
70) Pentachlorophenol	17.315	266	192745	94.784	ng		92
71) Phenanthrene	17.738	178	655730	48.517	ng		96
72) Anthracene	17.826	178	675218	48.083	ng		97
73) Carbazole	18.102	167	567526	46.260	ng		97
74) Di-n-butylphthalate	18.601	149	707754	47.728	ng		98
75) Fluoranthene	19.729	202	722951	44.604	ng		95
77) Benzidine	19.912	184	244172	48.779	ng	#	96
78) Pyrene	20.094	202	685426	45.636	ng		97
80) Butylbenzylphthalate	20.946	149	289155	46.951	ng		94
81) Benzo(a)anthracene	21.991	228	669470	44.324	ng		97
82) 3,3'-Dichlorobenzidine	21.897	252	120711	21.452	ng	#	87
83) Chrysene	22.062	228	604758	43.678	ng		97
84) Bis(2-ethylhexyl)phtha...	21.815	149	380779	44.228	ng	#	94
85) Di-n-octyl phthalate	23.137	149	647347	39.058	ng		100
87) Indeno(1,2,3-cd)pyrene	29.700	276	823712m	45.048	ng		
88) Benzo(b)fluoranthene	24.424	252	680412	51.372	ng	#	94
89) Benzo(k)fluoranthene	24.494	252	664141	50.720	ng	#	98
90) Benzo(a)pyrene	25.399	252	603340	42.683	ng	#	96
91) Dibenzo(a,h)anthracene	29.782	278	704549	45.543	ng	#	95
92) Benzo(g,h,i)perylene	31.022	276	626827	42.703	ng	#	99

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

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