Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
Data File : BG054277.D
Acq On : 13 Jul 2022 20:19
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER 5ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 14 03:57:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 03:56:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.038	152	21831	20.000	ng		0.00
21) Naphthalene-d8	10.846	136	83077	20.000	ng		# 0.00
39) Acenaphthene-d10	14.666	164	70722	20.000	ng		0.00
64) Phenanthrene-d10	17.409	188	199830	20.000	ng		#-0.01
76) Chrysene-d12	21.681	240	251490	20.000	ng		#-0.01
86) Perylene-d12	24.918	264	264754	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.606	112	102349	94.191	ng		0.00
7) Phenol-d6	7.204	99	136295	90.942	ng		0.00
23) Nitrobenzene-d5	9.201	82	105523	68.929	ng		0.00
42) 2,4,6-Tribromophenol	16.158	330	152177	111.082	ng		0.00
45) 2-Fluorobiphenyl	13.291	172	343354	71.337	ng		0.00
79) Terphenyl-d14	20.018	244	843471	68.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.490	88	1655	3.483	ng	#	80
3) Pyridine	3.902	79	6839	5.762	ng		94
4) n-Nitrosodimethylamine	3.814	42	2209	3.684	ng	#	75
6) Aniline	7.362	93	8267	4.693	ng		96
8) 2-Chlorophenol	7.603	128	5263	4.321	ng		93
9) Benzaldehyde	7.174	77	4901	5.446	ng		91
10) Phenol	7.233	94	6455	4.269	ng		78
11) bis(2-Chloroethyl)ether	7.456	93	4649	4.169	ng		84
12) 1,3-Dichlorobenzene	7.926	146	6731	4.552	ng		97
13) 1,4-Dichlorobenzene	8.079	146	6836	4.511	ng		96
14) 1,2-Dichlorobenzene	8.391	146	6930	4.762	ng		97
15) Benzyl Alcohol	8.285	79	5102	4.223	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.561	45	5759	3.719	ng		88
17) 2-Methylphenol	8.485	107	4282	3.964	ng		92
18) Hexachloroethane	9.125	117	2113	4.098	ng	#	38
19) n-Nitroso-di-n-propyla...	8.843	70	4078	3.986	ng	#	97
20) 3+4-Methylphenols	8.814	107	5790	3.820	ng		96
22) Acetophenone	8.861	105	9111	4.538	ng	#	95
24) Nitrobenzene	9.242	77	6836	4.542	ng	#	82
25) Isophorone	9.765	82	11975	4.324	ng	#	86
26) 2-Nitrophenol	9.959	139	3213	4.333	ng	#	78
27) 2,4-Dimethylphenol	10.018	122	5109	4.926	ng		90
28) bis(2-Chloroethoxy)met...	10.247	93	6572	4.662	ng	#	92
29) 2,4-Dichlorophenol	10.506	162	6910	4.597	ng		87
30) 1,2,4-Trichlorobenzene	10.711	180	9082	4.897	ng		96
31) Naphthalene	10.899	128	18159	4.347	ng	#	94
32) Benzoic acid	10.188	122	1513m	3.585	ng		
33) 4-Chloroaniline	11.011	127	7802	4.491	ng	#	89
34) Hexachlorobutadiene	11.187	225	7831	5.089	ng		95
35) Caprolactam	11.745	113	1554	3.630	ng	#	40
36) 4-Chloro-3-methylphenol	12.133	107	6490	4.488	ng		90
37) 2-Methylnaphthalene	12.497	142	14460	4.517	ng		95
38) 1-Methylnaphthalene	12.721	142	13774	4.431	ng		96
40) 1,2,4,5-Tetrachloroben...	12.868	216	14491	5.048	ng	#	95
41) Hexachlorocyclopentadiene	12.850	237	1007	1.403	ng		94
43) 2,4,6-Trichlorophenol	13.109	196	6721	4.077	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.191	196	7445	4.128	ng	#	88
46) 1,1'-Biphenyl	13.502	154	22062	4.639	ng		96
47) 2-Chloronaphthalene	13.549	162	18106	4.554	ng		92
48) 2-Nitroaniline	13.743	65	4485	3.986	ng		90
49) Acenaphthylene	14.389	152	28459	4.718	ng		97
50) Dimethylphthalate	14.113	163	24893	4.483	ng	#	97
51) 2,6-Dinitrotoluene	14.237	165	5337	4.422	ng	#	75
52) Acenaphthene	14.730	154	15921	4.364	ng		97
53) 3-Nitroaniline	14.566	138	4294	4.014	ng	#	87
54) 2,4-Dinitrophenol	14.795	184	775	1.370	ng	#	50
55) Dibenzofuran	15.065	168	29873	4.662	ng		98
56) 4-Nitrophenol	14.895	139	2135	3.106	ng		92
57) 2,4-Dinitrotoluene	15.030	165	7455	4.266	ng	#	83
58) Fluorene	15.711	166	24970	4.691	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.300	232	7623	4.220	ng	#	81
60) Diethylphthalate	15.476	149	23568	4.352	ng		95
61) 4-Chlorophenyl-phenyle...	15.700	204	16581	4.904	ng		91
62) 4-Nitroaniline	15.729	138	4387	3.926	ng		85
63) Azobenzene	15.993	77	16590	4.065	ng		86
65) 4,6-Dinitro-2-methylph...	15.799	198	3710	3.156	ng	#	68
66) n-Nitrosodiphenylamine	15.911	169	22029	4.371	ng		97
67) 4-Bromophenyl-phenylether	16.599	248	12164	4.564	ng	#	87
68) Hexachlorobenzene	16.722	284	14775	4.857	ng	#	89
69) Atrazine	16.857	200	10664	4.790	ng		88
70) Pentachlorophenol	17.074	266	3091	2.529	ng		96
71) Phenanthrene	17.456	178	44099	4.412	ng		98
72) Anthracene	17.544	178	44345	4.530	ng		96
73) Carbazole	17.809	167	36555	4.409	ng	#	94
74) Di-n-butylphthalate	18.367	149	39049	3.978	ng	#	98
75) Fluoranthene	19.466	202	61583	4.530	ng		97
77) Benzidine	19.636	184	26902m	6.094	ng		
78) Pyrene	19.824	202	63741	4.404	ng		99
80) Butylbenzylphthalate	20.700	149	17076	3.641	ng	#	81
81) Benzo(a)anthracene	21.663	228	72207	4.539	ng		97
82) 3,3'-Dichlorobenzidine	21.575	252	26354	5.420	ng	#	97
83) Chrysene	21.728	228	65551	4.357	ng		98
84) Bis(2-ethylhexyl)phtha...	21.563	149	25717	3.865	ng	#	91
85) Di-n-octyl phthalate	22.774	149	44640	3.897	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.614	276	86573	4.347	ng	#	98
88) Benzo(b)fluoranthene	23.884	252	73138	4.659	ng	#	97
89) Benzo(k)fluoranthene	23.949	252	71436	4.587	ng	#	97
90) Benzo(a)pyrene	24.765	252	69699	5.189	ng	#	93
91) Dibenzo(a,h)anthracene	28.673	278	75436	4.623	ng	#	96
92) Benzo(g,h,i)perylene	29.765	276	73824	4.536	ng	#	93

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

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