Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054364.D
Acq On : 22 Jul 2022 17:56
Operator : CG/JU
Sample : N3814-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 00:12:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.988	152	18757	20.000	ng		-0.01
21) Naphthalene-d8	10.802	136	71883	20.000	ng	#	0.00
39) Acenaphthene-d10	14.627	164	59581	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	167424	20.000	ng	#	0.00
76) Chrysene-d12	21.637	240	192197	20.000	ng	#	0.00
86) Perylene-d12	24.833	264	205563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.567	112	76347	84.984	ng		0.00
7) Phenol-d6	7.177	99	102797	83.507	ng		0.00
23) Nitrobenzene-d5	9.157	82	64164	48.609	ng		0.00
42) 2,4,6-Tribromophenol	16.119	330	107075	85.593	ng		0.00
45) 2-Fluorobiphenyl	13.252	172	201858	47.794	ng		0.00
79) Terphenyl-d14	19.980	244	499278	51.534	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	10903m	30.506	ng		
3) Pyridine	3.816	79	30335	33.458	ng		97
4) n-Nitrosodimethylamine	3.734	42	23068	45.502	ng	#	77
6) Aniline	7.312	93	53243	37.471	ng		97
8) 2-Chlorophenol	7.565	128	48888	47.353	ng		91
9) Benzaldehyde	7.124	77	23247	36.203	ng	#	73
10) Phenol	7.201	94	59348	48.524	ng		95
11) bis(2-Chloroethyl)ether	7.406	93	38872	43.590	ng		94
12) 1,3-Dichlorobenzene	7.882	146	54267	43.141	ng		92
13) 1,4-Dichlorobenzene	8.029	146	55267	42.545	ng		96
14) 1,2-Dichlorobenzene	8.346	146	55409	45.233	ng		99
15) Benzyl Alcohol	8.235	79	47743	47.156	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.517	45	47899	42.649	ng		92
17) 2-Methylphenol	8.452	107	41464	47.036	ng		94
18) Hexachloroethane	9.075	117	18768	43.634	ng	#	66
19) n-Nitroso-di-n-propyla...	8.799	70	34761	42.287	ng	#	91
20) 3+4-Methylphenols	8.781	107	57198	46.050	ng		98
22) Acetophenone	8.816	105	74686	43.199	ng	#	97
24) Nitrobenzene	9.198	77	55458	42.990	ng	#	89
25) Isophorone	9.721	82	102791	44.776	ng	#	92
26) 2-Nitrophenol	9.909	139	29365	45.160	ng		91
27) 2,4-Dimethylphenol	9.980	122	47896	53.321	ng		91
28) bis(2-Chloroethoxy)met...	10.203	93	55018	47.518	ng		97
29) 2,4-Dichlorophenol	10.461	162	64083	47.264	ng		88
30) 1,2,4-Trichlorobenzene	10.667	180	71772	42.741	ng	#	94
31) Naphthalene	10.855	128	159937	44.324	ng		99
32) Benzoic acid	10.144	122	22344	60.326	ng	#	77
33) 4-Chloroaniline	10.961	127	36462	24.848	ng		93
34) Hexachlorobutadiene	11.137	225	62254	41.950	ng		98
35) Caprolactam	11.736	113	16794m	49.192	ng		
36) 4-Chloro-3-methylphenol	12.101	107	59180	47.978	ng		85
37) 2-Methylnaphthalene	12.459	142	124019	44.756	ng		96
38) 1-Methylnaphthalene	12.676	142	116865	43.282	ng		98
40) 1,2,4,5-Tetrachloroben...	12.829	216	111875	42.859	ng	#	95
41) Hexachlorocyclopentadiene	12.806	237	84375	97.454	ng		96
43) 2,4,6-Trichlorophenol	13.070	196	66742	46.958	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.158	196	74421	46.342	ng	#	90
46) 1,1'-Biphenyl	13.464	154	177004	43.425	ng		97
47) 2-Chloronaphthalene	13.505	162	145032	42.516	ng		96
48) 2-Nitroaniline	13.711	65	40032	44.967	ng	#	88
49) Acenaphthylene	14.351	152	219474	43.299	ng		100
50) Dimethylphthalate	14.081	163	201795	43.361	ng	#	99
51) 2,6-Dinitrotoluene	14.204	165	45777	44.845	ng	#	73
52) Acenaphthene	14.692	154	135765	44.232	ng		97
53) 3-Nitroaniline	14.533	138	26797	31.389	ng	#	84
54) 2,4-Dinitrophenol	14.751	184	57617	95.824	ng	#	79
55) Dibenzofuran	15.027	168	240131	43.969	ng		95
56) 4-Nitrophenol	14.874	139	58329	102.408	ng		97
57) 2,4-Dinitrotoluene	14.997	165	68229	46.625	ng	#	83
58) Fluorene	15.673	166	200734	44.705	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.262	232	73916	47.276	ng	#	85
60) Diethylphthalate	15.438	149	196609	44.038	ng		95
61) 4-Chlorophenyl-phenyle...	15.661	204	133042	45.138	ng	#	89
62) 4-Nitroaniline	15.702	138	38677	43.122	ng		93
63) Azobenzene	15.955	77	139361	43.202	ng		84
65) 4,6-Dinitro-2-methylph...	15.767	198	45585	44.071	ng		75
66) n-Nitrosodiphenylamine	15.879	169	180929	43.284	ng		94
67) 4-Bromophenyl-phenylether	16.554	248	102393	43.546	ng	#	91
68) Hexachlorobenzene	16.684	284	116789	43.432	ng	#	90
69) Atrazine	16.825	200	93668	50.356	ng		93
70) Pentachlorophenol	17.036	266	104411	89.071	ng		95
71) Phenanthrene	17.418	178	431373	51.738	ng		96
72) Anthracene	17.506	178	377638	46.156	ng		99
73) Carbazole	17.776	167	305228	45.313	ng		98
74) Di-n-butylphthalate	18.329	149	341444	42.954	ng		98
75) Fluoranthene	19.427	202	605333	53.260	ng		95
77) Benzidine	19.604	184	213976	61.473	ng		98
78) Pyrene	19.786	202	596767	54.113	ng		98
80) Butylbenzylphthalate	20.667	149	144282	41.983	ng	#	83
81) Benzo(a)anthracene	21.619	228	590364	48.388	ng		99
82) 3,3'-Dichlorobenzidine	21.531	252	147791	38.950	ng	#	98
83) Chrysene	21.684	228	537419	46.624	ng		97
84) Bis(2-ethylhexyl)phtha...	21.519	149	211678	43.529	ng	#	91
85) Di-n-octyl phthalate	22.718	149	351239	42.337	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.511	276	689637	44.100	ng	#	98
88) Benzo(b)fluoranthene	23.828	252	621808	51.149	ng	#	97
89) Benzo(k)fluoranthene	23.893	252	555967	45.953	ng	#	98
90) Benzo(a)pyrene	24.692	252	547187m	52.705	ng		
91) Dibenzo(a,h)anthracene	28.564	278	569817	44.313	ng	#	96
92) Benzo(g,h,i)perylene	29.662	276	592590	46.692	ng	#	92

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

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