Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052594.D
Acq On : 7 Mar 2022 17:30
Operator : CG/JU
Sample : N1730-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

Quant Time: Mar 08 01:29:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

03/08/2022
Supervised By :Jagrut Upadhyay

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	29603	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	119545	20.000	ng	#	0.00
39) Acenaphthene-d10	14.866	164	83343	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	197632	20.000	ng		0.00
76) Chrysene-d12	21.933	240	207136	20.000	ng	#	0.00
86) Perylene-d12	25.399	264	225636	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	178513	102.737	ng		0.00
7) Phenol-d6	7.371	99	244451	100.122	ng		0.00
23) Nitrobenzene-d5	9.397	82	162050	61.798	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	113540	94.791	ng		0.00
45) 2-Fluorobiphenyl	13.486	172	352347	58.296	ng		0.00
79) Terphenyl-d14	20.206	244	644419	55.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	34186	43.420	ng	#	92
3) Pyridine	3.993	79	87567	41.161	ng		95
4) n-Nitrosodimethylamine	3.899	42	50772	50.048	ng	#	77
6) Aniline	7.535	93	50105	17.699	ng	#	92
8) 2-Chlorophenol	7.782	128	97498	53.445	ng		93
9) Benzaldehyde	7.341	77	69306m	47.324	ng		
10) Phenol	7.400	94	132539	54.476	ng		92
11) bis(2-Chloroethyl)ether	7.623	93	91113	48.532	ng		90
12) 1,3-Dichlorobenzene	8.111	146	104514	48.644	ng		96
13) 1,4-Dichlorobenzene	8.258	146	108476	50.110	ng		99
14) 1,2-Dichlorobenzene	8.581	146	104185	49.406	ng		93
15) Benzyl Alcohol	8.457	79	98894	51.964	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.751	45	120110	47.471	ng		97
17) 2-Methylphenol	8.663	107	84885	52.577	ng		94
18) Hexachloroethane	9.321	117	37193	48.808	ng		93
19) n-Nitroso-di-n-propyla...	9.027	70	80646	48.514	ng		89
20) 3+4-Methylphenols	8.992	107	116092	52.606	ng		90
22) Acetophenone	9.051	105	142384	46.189	ng	#	94
24) Nitrobenzene	9.438	77	120650	48.641	ng	#	90
25) Isophorone	9.961	82	223682	50.575	ng		99
26) 2-Nitrophenol	10.161	139	54908	49.503	ng		87
27) 2,4-Dimethylphenol	10.214	122	95578	59.704	ng		92
28) bis(2-Chloroethoxy)met...	10.443	93	122200	46.027	ng		97
29) 2,4-Dichlorophenol	10.707	162	98616	52.144	ng		97
30) 1,2,4-Trichlorobenzene	10.919	180	107390	46.374	ng		97
31) Naphthalene	11.113	128	293685	46.828	ng		96
32) Benzoic acid	10.361	122	42968m	54.536	ng		
33) 4-Chloroaniline	11.218	127	30630	12.069	ng		97
34) Hexachlorobutadiene	11.395	225	70951	44.814	ng		97
35) Caprolactam	11.982	113	32251m	47.967	ng		
36) 4-Chloro-3-methylphenol	12.329	107	107012	50.801	ng		98
37) 2-Methylnaphthalene	12.705	142	212128	46.387	ng		97
38) 1-Methylnaphthalene	12.922	142	201479	45.218	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.075	216	126457	45.737	ng		99
41) Hexachlorocyclopentadiene	13.051	237	123267	95.681	ng		96
43) 2,4,6-Trichlorophenol	13.304	196	88041	51.079	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	93834	50.411	ng		94
46) 1,1'-Biphenyl	13.697	154	291670	47.483	ng		99
47) 2-Chloronaphthalene	13.750	162	226567	47.610	ng		97
48) 2-Nitroaniline	13.944	65	78510	50.207	ng		94
49) Acenaphthylene	14.590	152	383450	50.121	ng		99
50) Dimethylphthalate	14.308	163	294071	45.815	ng		99
51) 2,6-Dinitrotoluene	14.432	165	68997	49.524	ng	#	83
52) Acenaphthene	14.931	154	264660m	53.260	ng		
53) 3-Nitroaniline	14.761	138	20288	13.792	ng	#	94
54) 2,4-Dinitrophenol	14.978	184	81158	93.351	ng		91
55) Dibenzofuran	15.266	168	350345	44.603	ng		98
56) 4-Nitrophenol	15.078	139	109116	109.086	ng	#	82
57) 2,4-Dinitrotoluene	15.219	165	97074	49.262	ng	#	82
58) Fluorene	15.912	166	294729	46.373	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.495	232	85632	48.117	ng		99
60) Diethylphthalate	15.665	149	300031	45.810	ng		99
61) 4-Chlorophenyl-phenyle...	15.894	204	164334	46.086	ng		98
62) 4-Nitroaniline	15.930	138	67096	43.758	ng		90
63) Azobenzene	16.188	77	288047	45.052	ng		93
65) 4,6-Dinitro-2-methylph...	15.988	198	58608	48.541	ng		87
66) n-Nitrosodiphenylamine	16.112	169	267136	48.669	ng		98
67) 4-Bromophenyl-phenylether	16.793	248	112996	47.309	ng		93
68) Hexachlorobenzene	16.928	284	120236	46.563	ng		94
69) Atrazine	17.052	200	110072	52.621	ng		91
70) Pentachlorophenol	17.269	266	131182	96.820	ng		95
71) Phenanthrene	17.663	178	480983	46.825	ng		98
72) Anthracene	17.751	178	488052	48.143	ng		100
73) Carbazole	18.015	167	465052	46.662	ng		99
74) Di-n-butylphthalate	18.555	149	533381	48.027	ng	#	98
75) Fluoranthene	19.666	202	629586	47.544	ng		100
77) Benzidine	19.830	184	223303	50.418	ng		99
78) Pyrene	20.024	202	635300	46.564	ng		99
80) Butylbenzylphthalate	20.893	149	246766	48.732	ng		91
81) Benzo(a)anthracene	21.916	228	672825	48.829	ng		99
82) 3,3'-Dichlorobenzidine	21.810	252	105511	21.609	ng		97
83) Chrysene	21.986	228	610974	46.713	ng		99
84) Bis(2-ethylhexyl)phtha...	21.786	149	357637	50.650	ng		98
85) Di-n-octyl phthalate	23.079	149	606942	51.538	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.400	276	772356	46.891	ng	#	95
88) Benzo(b)fluoranthene	24.295	252	718686	50.812	ng		99
89) Benzo(k)fluoranthene	24.365	252	677738	48.235	ng		97
90) Benzo(a)pyrene	25.241	252	680992	57.234	ng		98
91) Dibenzo(a,h)anthracene	29.464	278	669757	49.353	ng		97
92) Benzo(g,h,i)perylene	30.657	276	659971	49.339	ng		95

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

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