Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130117.D
Acq On : 02 Sep 2022 18:22
Operator : CG\JU
Sample : N4466-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 05:48:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	243513	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	965376	20.000	ng		0.00
39) Acenaphthene-d10	9.739	164	521126	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	849731	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	445567	20.000	ng		0.00
86) Perylene-d12	15.245	264	431129	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	1636365	114.079	ng		0.01
7) Phenol-d6	6.339	99	2082768	116.467	ng		0.00
23) Nitrobenzene-d5	7.275	82	1242330	82.703	ng		0.00
42) 2,4,6-Tribromophenol	10.527	330	589014	124.168	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	2249917	71.581	ng		0.00
79) Terphenyl-d14	12.804	244	2019734	78.607	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	286767	42.778	ng		94
3) Pyridine	3.157	79	751547	41.809	ng		92
4) n-Nitrosodimethylamine	3.122	42	322718	45.651	ng		79
6) Aniline	6.369	93	788803	35.182	ng	#	50
8) 2-Chlorophenol	6.487	128	793858	50.423	ng		99
9) Benzaldehyde	6.251	77	389303	35.567	ng		97
10) Phenol	6.357	94	949464	46.971	ng	#	65
11) bis(2-Chloroethyl)ether	6.445	93	738011	48.053	ng		99
12) 1,3-Dichlorobenzene	6.645	146	805383	46.146	ng		97
13) 1,4-Dichlorobenzene	6.722	146	813236	46.258	ng		97
14) 1,2-Dichlorobenzene	6.875	146	779196	48.758	ng		97
15) Benzyl Alcohol	6.851	79	591524	49.074	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.987	45	946227	45.333	ng	#	53
17) 2-Methylphenol	6.963	107	624172	47.122	ng	#	86
18) Hexachloroethane	7.216	117	299541	47.184	ng		96
19) n-Nitroso-di-n-propyla...	7.128	70	492097	45.677	ng		93
20) 3+4-Methylphenols	7.116	107	689652	44.399	ng	#	74
22) Acetophenone	7.122	105	985774	45.706	ng	#	98
24) Nitrobenzene	7.292	77	770649	48.239	ng		96
25) Isophorone	7.534	82	1474415	48.495	ng		98
26) 2-Nitrophenol	7.604	139	414426	54.696	ng		95
27) 2,4-Dimethylphenol	7.645	122	706606	55.388	ng		97
28) bis(2-Chloroethoxy)met...	7.745	93	937103	51.311	ng		98
29) 2,4-Dichlorophenol	7.845	162	657818	48.206	ng		100
30) 1,2,4-Trichlorobenzene	7.928	180	649629	45.150	ng		98
31) Naphthalene	8.010	128	2151878	44.196	ng		99
32) Benzoic acid	7.781	122	514438	49.198	ng		99
33) 4-Chloroaniline	8.057	127	374329	19.029	ng		96
34) Hexachlorobutadiene	8.128	225	369214	44.805	ng		99
35) Caprolactam	8.445	113	206057m	48.728	ng		
36) 4-Chloro-3-methylphenol	8.545	107	700393	50.722	ng		96
37) 2-Methylnaphthalene	8.698	142	1431292	45.635	ng		98
38) 1-Methylnaphthalene	8.798	142	1353202	44.388	ng		98
40) 1,2,4,5-Tetrachloroben...	8.863	216	595943	43.855	ng		98
41) Hexachlorocyclopentadiene	8.851	237	707944	99.686	ng		99
43) 2,4,6-Trichlorophenol	8.975	196	460024	47.426	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	475732	45.250	ng		96
46) 1,1'-Biphenyl	9.163	154	1696896	44.820	ng		99
47) 2-Chloronaphthalene	9.186	162	1339491	44.157	ng		99
48) 2-Nitroaniline	9.286	65	401706	53.738	ng		89
49) Acenaphthylene	9.604	152	2059020	44.699	ng		100
50) Dimethylphthalate	9.475	163	1607682	45.293	ng		99
51) 2,6-Dinitrotoluene	9.533	165	370995	53.609	ng	#	85
52) Acenaphthene	9.775	154	1394598m	48.038	ng		
53) 3-Nitroaniline	9.698	138	216816	27.296	ng		94
54) 2,4-Dinitrophenol	9.804	184	297624	93.239	ng		88
55) Dibenzofuran	9.945	168	1844473	44.370	ng		100
56) 4-Nitrophenol	9.863	139	628901	102.695	ng		92
57) 2,4-Dinitrotoluene	9.933	165	458365	57.528	ng	#	89
58) Fluorene	10.286	166	1341842	42.423	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	364170	44.598	ng	#	77
60) Diethylphthalate	10.169	149	1550767	45.161	ng		99
61) 4-Chlorophenyl-phenyle...	10.280	204	616570	44.096	ng		99
62) 4-Nitroaniline	10.316	138	380620	49.270	ng		96
63) Azobenzene	10.439	77	1453446	42.989	ng		97
65) 4,6-Dinitro-2-methylph...	10.339	198	202405	50.267	ng		80
66) n-Nitrosodiphenylamine	10.404	169	1290372	45.426	ng		99
67) 4-Bromophenyl-phenylether	10.769	248	441832	46.747	ng		97
68) Hexachlorobenzene	10.827	284	484968	47.090	ng		96
69) Atrazine	10.933	200	416030	51.770	ng		99
70) Pentachlorophenol	11.022	266	506791	88.001	ng		96
71) Phenanthrene	11.245	178	1969595	42.741	ng		99
72) Anthracene	11.298	178	1995883	44.058	ng		99
73) Carbazole	11.451	167	1858773	44.496	ng		99
74) Di-n-butylphthalate	11.786	149	2309118	45.840	ng		99
75) Fluoranthene	12.427	202	1938535	42.422	ng		97
77) Benzidine	12.551	184	821465	68.286	ng		99
78) Pyrene	12.657	202	1925571	48.181	ng		99
80) Butylbenzylphthalate	13.280	149	858119	53.983	ng		97
81) Benzo(a)anthracene	13.839	228	1369044	44.835	ng		99
82) 3,3'-Dichlorobenzidine	13.804	252	271751	28.538	ng		98
83) Chrysene	13.874	228	1365197	45.348	ng		99
84) Bis(2-ethylhexyl)phtha...	13.839	149	1031253	52.192	ng		98
85) Di-n-octyl phthalate	14.451	149	1707336	54.702	ng		98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1386784	48.763	ng		95
88) Benzo(b)fluoranthene	14.851	252	1412579m	49.132	ng		
89) Benzo(k)fluoranthene	14.880	252	1186358	42.666	ng		98
90) Benzo(a)pyrene	15.192	252	1128430	49.394	ng		97
91) Dibenzo(a,h)anthracene	16.615	278	1191566	51.204	ng	#	96
92) Benzo(g,h,i)perylene	17.009	276	1201587	51.609	ng	#	93

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

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