Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131460.D
Acq On : 29 Nov 2022 17:04
Operator : CG\JU
Sample : N5780-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 01:06:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	157552	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	600849	20.000	ng		# 0.00
39) Acenaphthene-d10	10.004	164	330604	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	580763	20.000	ng		# 0.00
76) Chrysene-d12	14.157	240	374290	20.000	ng		#-0.01
86) Perylene-d12	15.686	264	317620	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1074135	129.755	ng		0.04
7) Phenol-d6	6.581	99	1320686	125.041	ng		0.00
23) Nitrobenzene-d5	7.516	82	951086	79.792	ng		-0.01
42) 2,4,6-Tribromophenol	10.804	330	423984	152.436	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1689454	74.344	ng		0.00
79) Terphenyl-d14	13.098	244	1859810	81.255	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	162791m	41.249	ng		
3) Pyridine	3.704	79	401478	36.636	ng		88
4) n-Nitrosodimethylamine	3.651	42	235235	36.400	ng	#	73
6) Aniline	6.610	93	287593m	20.777	ng		
8) 2-Chlorophenol	6.734	128	459774	49.024	ng		96
9) Benzaldehyde	6.504	77	213226	31.052	ng		91
10) Phenol	6.592	94	494251m	42.206	ng		
11) bis(2-Chloroethyl)ether	6.687	93	456936	46.572	ng		96
12) 1,3-Dichlorobenzene	6.887	146	452087	40.446	ng		98
13) 1,4-Dichlorobenzene	6.963	146	453583	39.937	ng		100
14) 1,2-Dichlorobenzene	7.116	146	443040	42.365	ng		98
15) Benzyl Alcohol	7.092	79	409487	47.283	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	729137	38.859	ng		94
17) 2-Methylphenol	7.198	107	383356	47.959	ng		97
18) Hexachloroethane	7.463	117	168956	41.585	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	325251	42.066	ng		88
20) 3+4-Methylphenols	7.351	107	431169m	42.246	ng		
22) Acetophenone	7.363	105	619065	40.477	ng	#	95
24) Nitrobenzene	7.539	77	502923	40.497	ng		92
25) Isophorone	7.775	82	936490	44.038	ng		97
26) 2-Nitrophenol	7.851	139	238192	57.286	ng		85
27) 2,4-Dimethylphenol	7.886	122	431983	52.400	ng		95
28) bis(2-Chloroethoxy)met...	7.981	93	565288	46.802	ng		99
29) 2,4-Dichlorophenol	8.092	162	397728	44.477	ng		99
30) 1,2,4-Trichlorobenzene	8.175	180	425268	38.389	ng		99
31) Naphthalene	8.263	128	1419200	44.324	ng		99
32) Benzoic acid	7.987	122	137317	31.478	ng		94
33) 4-Chloroaniline	8.304	127	115449	9.140	ng		94
34) Hexachlorobutadiene	8.369	225	250708	34.951	ng		97
35) Caprolactam	8.686	113	106465m	45.307	ng		
36) 4-Chloro-3-methylphenol	8.792	107	421373	45.355	ng		99
37) 2-Methylnaphthalene	8.957	142	884813	40.785	ng		99
38) 1-Methylnaphthalene	9.057	142	835852	39.732	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	426512	39.755	ng		99
41) Hexachlorocyclopentadiene	9.104	237	469921	97.434	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	298027	48.968	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	314895	46.012	ng		98
46) 1,1'-Biphenyl	9.422	154	1069245	42.382	ng		97
47) 2-Chloronaphthalene	9.445	162	834777	41.247	ng		99
48) 2-Nitroaniline	9.545	65	286729	46.661	ng		92
49) Acenaphthylene	9.869	152	1291999	41.878	ng		99
50) Dimethylphthalate	9.728	163	980784	42.579	ng		98
51) 2,6-Dinitrotoluene	9.786	165	223641	48.549	ng		84
52) Acenaphthene	10.039	154	838963	43.427	ng		99
53) 3-Nitroaniline	9.957	138	115698	24.442	ng		97
54) 2,4-Dinitrophenol	10.063	184	139592	70.312	ng	#	80
55) Dibenzofuran	10.210	168	1140378	41.031	ng		97
56) 4-Nitrophenol	10.122	139	319875	97.370	ng		87
57) 2,4-Dinitrotoluene	10.192	165	295339	50.955	ng		96
58) Fluorene	10.557	166	870798	40.145	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	261755	45.926	ng		95
60) Diethylphthalate	10.428	149	889583	40.901	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	447317	40.227	ng		97
62) 4-Nitroaniline	10.580	138	216948	46.053	ng		87
63) Azobenzene	10.710	77	920240	39.350	ng		91
65) 4,6-Dinitro-2-methylph...	10.604	198	112227	45.724	ng	#	69
66) n-Nitrosodiphenylamine	10.669	169	775357	41.898	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	293504	41.234	ng		99
68) Hexachlorobenzene	11.104	284	315264	41.731	ng		92
69) Atrazine	11.198	200	278246	48.834	ng		99
70) Pentachlorophenol	11.298	266	330916	75.666	ng		99
71) Phenanthrene	11.527	178	1273041	40.560	ng		100
72) Anthracene	11.580	178	1295034	41.985	ng		100
73) Carbazole	11.733	167	1160478	44.105	ng		98
74) Di-n-butylphthalate	12.057	149	1362289	43.939	ng		99
75) Fluoranthene	12.721	202	1342593	40.595	ng		98
77) Benzidine	12.839	184	253629	36.686	ng		96
78) Pyrene	12.951	202	1375750	41.660	ng		100
80) Butylbenzylphthalate	13.568	149	532559	47.940	ng		96
81) Benzo(a)anthracene	14.145	228	1089982	42.485	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	159125	23.373	ng		99
83) Chrysene	14.186	228	1032588	41.023	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	698383	47.417	ng	#	98
85) Di-n-octyl phthalate	14.751	149	1076630	50.542	ng		94
87) Indeno(1,2,3-cd)pyrene	17.256	276	938749	44.005	ng		97
88) Benzo(b)fluoranthene	15.233	252	986884m	46.771	ng		
89) Benzo(k)fluoranthene	15.268	252	870339	40.138	ng		99
90) Benzo(a)pyrene	15.627	252	791724	45.729	ng	#	98
91) Dibenzo(a,h)anthracene	17.280	278	788257	44.756	ng		97
92) Benzo(g,h,i)perylene	17.739	276	798182	45.407	ng		98

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

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