Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127394.D
Acq On : 18 Mar 2022 16:21
Operator : CG\JU
Sample : N1949-15MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:51:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 01:50:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	90515	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	349084	20.000	ng	#	0.00
39) Acenaphthene-d10	9.898	164	208861	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	388553	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	246295	20.000	ng	#	0.00
86) Perylene-d12	15.527	264	234680	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	460614	81.806	ng		0.00
7) Phenol-d6	6.498	99	643597	83.091	ng		0.00
23) Nitrobenzene-d5	7.428	82	447170	52.902	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	181360	80.663	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	793674	53.724	ng		0.00
79) Terphenyl-d14	12.974	244	931091	65.096	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	76546	26.219	ng	#	79
3) Pyridine	3.434	79	244115	31.422	ng	#	74
4) n-Nitrosodimethylamine	3.404	42	158771	36.886	ng	#	66
6) Aniline	6.522	93	311523	33.654	ng	#	90
8) 2-Chlorophenol	6.645	128	246595	42.335	ng		93
9) Benzaldehyde	6.410	77	159846	38.915	ng		90
10) Phenol	6.510	94	350872	41.237	ng		83
11) bis(2-Chloroethyl)ether	6.593	93	260785	41.272	ng		90
12) 1,3-Dichlorobenzene	6.798	146	259753	39.727	ng		99
13) 1,4-Dichlorobenzene	6.875	146	261727	39.901	ng		99
14) 1,2-Dichlorobenzene	7.028	146	249136	40.356	ng		98
15) Benzyl Alcohol	7.004	79	247454	42.623	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	471657	39.776	ng		93
17) 2-Methylphenol	7.116	107	210843	42.578	ng	#	89
18) Hexachloroethane	7.363	117	99988	39.682	ng	#	82
19) n-Nitroso-di-n-propyla...	7.275	70	196491	40.651	ng		91
20) 3+4-Methylphenols	7.269	107	245795	38.274	ng	#	82
22) Acetophenone	7.269	105	333686	34.913	ng	#	82
24) Nitrobenzene	7.445	77	303078	37.909	ng		95
25) Isophorone	7.681	82	567254	41.735	ng		97
26) 2-Nitrophenol	7.763	139	128064	38.680	ng	#	84
27) 2,4-Dimethylphenol	7.798	122	215440	43.347	ng		95
28) bis(2-Chloroethoxy)met...	7.892	93	333650	38.742	ng		98
29) 2,4-Dichlorophenol	8.004	162	220396	38.721	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	239389	36.891	ng		97
31) Naphthalene	8.163	128	708622	38.054	ng		99
32) Benzoic acid	7.945	122	116396	35.667	ng		89
33) 4-Chloroaniline	8.216	127	128939	17.864	ng		94
34) Hexachlorobutadiene	8.269	225	155942	36.038	ng		95
35) Caprolactam	8.598	113	71648m	42.136	ng		
36) 4-Chloro-3-methylphenol	8.704	107	248625	40.301	ng		98
37) 2-Methylnaphthalene	8.857	142	468888	38.536	ng		96
38) 1-Methylnaphthalene	8.957	142	448784	38.366	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	243639	36.849	ng	#	95
41) Hexachlorocyclopentadiene	9.004	237	209892	76.368	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	156306	37.456	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	168369	38.016	ng		92
46) 1,1'-Biphenyl	9.322	154	596782	37.858	ng		98
47) 2-Chloronaphthalene	9.345	162	462105	37.659	ng		100
48) 2-Nitroaniline	9.451	65	186526	39.507	ng		91
49) Acenaphthylene	9.763	152	755277	40.220	ng		99
50) Dimethylphthalate	9.628	163	575869	38.478	ng	#	99
51) 2,6-Dinitrotoluene	9.692	165	124752	41.208	ng	#	90
52) Acenaphthene	9.933	154	420885	37.600	ng		97
53) 3-Nitroaniline	9.863	138	85525	25.924	ng		94
54) 2,4-Dinitrophenol	9.981	184	122706	73.858	ng		90
55) Dibenzofuran	10.110	168	635681	36.555	ng		99
56) 4-Nitrophenol	10.039	139	154524	77.061	ng	#	71
57) 2,4-Dinitrotoluene	10.098	165	161257	40.485	ng	#	92
58) Fluorene	10.451	166	513628	38.090	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	142309	38.665	ng	#	78
60) Diethylphthalate	10.322	149	538075	39.415	ng		96
61) 4-Chlorophenyl-phenyle...	10.439	204	275360	37.681	ng		91
62) 4-Nitroaniline	10.486	138	124816m	37.967	ng		
63) Azobenzene	10.604	77	605265	38.570	ng		89
65) 4,6-Dinitro-2-methylph...	10.510	198	89481	37.351	ng		84
66) n-Nitrosodiphenylamine	10.563	169	453133	37.550	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	175222	37.410	ng		92
68) Hexachlorobenzene	10.998	284	192645	37.740	ng	#	89
69) Atrazine	11.092	200	178500	42.867	ng		95
70) Pentachlorophenol	11.198	266	159878	77.573	ng		99
71) Phenanthrene	11.422	178	765183	37.305	ng		99
72) Anthracene	11.475	178	782741	38.534	ng		99
73) Carbazole	11.627	167	696497	36.411	ng		99
74) Di-n-butylphthalate	11.945	149	857297	38.317	ng		99
75) Fluoranthene	12.610	202	843785	36.792	ng		93
77) Benzidine	12.733	184	202256	32.292	ng		96
78) Pyrene	12.839	202	830930	43.314	ng		99
80) Butylbenzylphthalate	13.451	149	296515	40.161	ng	#	89
81) Benzo(a)anthracene	14.027	228	646039	38.956	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	125296	24.299	ng	#	95
83) Chrysene	14.068	228	592287	38.399	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	390679	39.309	ng	#	98
85) Di-n-octyl phthalate	14.616	149	630602	41.921	ng		96
87) Indeno(1,2,3-cd)pyrene	17.033	276	638028	45.130	ng	#	85
88) Benzo(b)fluoranthene	15.086	252	607644	39.446	ng	#	93
89) Benzo(k)fluoranthene	15.121	252	548601	37.876	ng	#	93
90) Benzo(a)pyrene	15.463	252	575090	47.409	ng	#	93
91) Dibenzo(a,h)anthracene	17.045	278	563878	47.922	ng	#	89
92) Benzo(g,h,i)perylene	17.492	276	567113	49.411	ng	#	85

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

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