Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127410.D
Acq On : 19 Mar 2022 00:13
Operator : CG\JU
Sample : N1983-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124042MS

Manual Integrations APPROVED

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

Quant Time: Mar 19 01:54:17 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	39029	20.000	ng		0.00
21) Naphthalene-d8	8.140	136	144696	20.000	ng	#	0.00
39) Acenaphthene-d10	9.898	164	91174	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	168504	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	109643	20.000	ng	#	0.00
86) Perylene-d12	15.521	264	108987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	406661	167.499	ng		0.00
7) Phenol-d6	6.498	99	408039	122.172	ng		0.00
23) Nitrobenzene-d5	7.428	82	291507	83.200	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	140388	143.037	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	502302	77.890	ng		0.00
79) Terphenyl-d14	12.975	244	493739	77.542	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	40344	32.048	ng	#	74
3) Pyridine	3.416	79	109125	32.576	ng	#	64
4) n-Nitrosodimethylamine	3.387	42	92041	49.591	ng	#	44
6) Aniline	6.522	93	158555	39.724	ng	#	85
8) 2-Chlorophenol	6.646	128	128790	51.278	ng		94
9) Benzaldehyde	6.410	77	80570	49.392	ng		88
10) Phenol	6.510	94	177515	48.384	ng	#	67
11) bis(2-Chloroethyl)ether	6.593	93	125578	46.091	ng		89
12) 1,3-Dichlorobenzene	6.798	146	143745	50.986	ng		99
13) 1,4-Dichlorobenzene	6.875	146	146660	51.854	ng		98
14) 1,2-Dichlorobenzene	7.028	146	137668	51.717	ng		98
15) Benzyl Alcohol	7.004	79	137019	54.734	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.128	45	225084	44.022	ng		92
17) 2-Methylphenol	7.116	107	107904	50.536	ng	#	85
18) Hexachloroethane	7.363	117	56410	51.920	ng	#	81
19) n-Nitroso-di-n-propyla...	7.275	70	108250	51.939	ng	#	86
20) 3+4-Methylphenols	7.269	107	139718	50.457	ng	#	83
22) Acetophenone	7.269	105	194768	49.163	ng	#	81
24) Nitrobenzene	7.445	77	164505	49.641	ng	#	91
25) Isophorone	7.681	82	295871	52.517	ng	#	96
26) 2-Nitrophenol	7.763	139	65847	47.981	ng	#	73
27) 2,4-Dimethylphenol	7.798	122	117099	56.841	ng		89
28) bis(2-Chloroethoxy)met...	7.892	93	164777	46.159	ng		99
29) 2,4-Dichlorophenol	8.004	162	120637	51.132	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	139480	51.857	ng		99
31) Naphthalene	8.163	128	390439	50.584	ng		99
32) Benzoic acid	7.945	122	63290	44.723	ng	#	75
33) 4-Chloroaniline	8.216	127	61895	20.688	ng	#	92
34) Hexachlorobutadiene	8.269	225	97503	54.361	ng		96
35) Caprolactam	8.598	113	36224m	51.395	ng		
36) 4-Chloro-3-methylphenol	8.704	107	136380	53.334	ng		97
37) 2-Methylnaphthalene	8.857	142	271198	53.772	ng		97
38) 1-Methylnaphthalene	8.957	142	260317	53.689	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	151750	52.576	ng	#	93
41) Hexachlorocyclopentadiene	9.004	237	112039	92.060	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	92929	51.014	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	94021m	48.631	ng		
46) 1,1'-Biphenyl	9.322	154	343895	49.975	ng		96
47) 2-Chloronaphthalene	9.345	162	263154	49.127	ng		99
48) 2-Nitroaniline	9.451	65	102620	49.792	ng		88
49) Acenaphthylene	9.763	152	437660	53.390	ng		98
50) Dimethylphthalate	9.622	163	328623	50.300	ng	#	99
51) 2,6-Dinitrotoluene	9.692	165	70254	53.160	ng	#	86
52) Acenaphthene	9.934	154	251529	51.476	ng		93
53) 3-Nitroaniline	9.863	138	46268	32.127	ng		90
54) 2,4-Dinitrophenol	9.981	184	63448	86.776	ng		86
55) Dibenzofuran	10.110	168	389003	51.244	ng		99
56) 4-Nitrophenol	10.039	139	81215	92.781	ng	#	49
57) 2,4-Dinitrotoluene	10.098	165	96169	55.308	ng	#	85
58) Fluorene	10.451	166	319472	54.273	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	88192	54.891	ng	#	77
60) Diethylphthalate	10.322	149	316640	53.133	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	167288	52.441	ng		92
62) 4-Nitroaniline	10.486	138	66876m	46.600	ng		
63) Azobenzene	10.604	77	327634	47.828	ng		83
65) 4,6-Dinitro-2-methylph...	10.510	198	49811	47.944	ng		83
66) n-Nitrosodiphenylamine	10.563	169	260402	49.759	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	102912	50.665	ng		89
68) Hexachlorobenzene	10.998	284	115039	51.967	ng	#	87
69) Atrazine	11.092	200	102854	56.956	ng		95
70) Pentachlorophenol	11.198	266	94006	105.177	ng		97
71) Phenanthrene	11.422	178	504029	56.663	ng		99
72) Anthracene	11.469	178	463293	52.592	ng		99
73) Carbazole	11.628	167	382880	46.155	ng		98
74) Di-n-butylphthalate	11.945	149	492497	50.758	ng		99
75) Fluoranthene	12.610	202	501108	50.384	ng		90
77) Benzidine	12.733	184	159700	57.277	ng		97
78) Pyrene	12.839	202	465749	54.537	ng		98
80) Butylbenzylphthalate	13.445	149	163217	49.660	ng	#	95
81) Benzo(a)anthracene	14.027	228	372021	50.392	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	81618	35.557	ng	#	94
83) Chrysene	14.069	228	349117	50.843	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	233776	52.838	ng	#	99
85) Di-n-octyl phthalate	14.616	149	351775	52.531	ng	#	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	331225	50.449	ng	#	78
88) Benzo(b)fluoranthene	15.086	252	365848	51.140	ng	#	90
89) Benzo(k)fluoranthene	15.121	252	322756	47.982	ng	#	90
90) Benzo(a)pyrene	15.463	252	335393	59.537	ng	#	90
91) Dibenzo(a,h)anthracene	17.045	278	295348	54.049	ng	#	87
92) Benzo(g,h,i)perylene	17.486	276	262581	49.262	ng	#	79

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

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