Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
Data File : BF127023.D
Acq On : 22 Feb 2022 22:12
Operator : CG\JU
Sample : N1610-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Quant Time: Feb 23 00:00:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	78734	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	296456	20.000	ng	#	0.00
39) Acenaphthene-d10	9.969	164	122336	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	182890	20.000	ng	#	0.00
76) Chrysene-d12	14.104	240	128422	20.000	ng	#	0.00
86) Perylene-d12	15.609	264	97452	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	542504	106.495	ng		0.01
7) Phenol-d6	6.551	99	712182	103.608	ng		0.00
23) Nitrobenzene-d5	7.486	82	500427	76.193	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	148699	105.570	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	689446	82.966	ng		0.00
79) Terphenyl-d14	13.045	244	540654	61.888	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	85627	36.733	ng	#	94
3) Pyridine	3.551	79	215139	35.187	ng		90
4) n-Nitrosodimethylamine	3.516	42	143916	48.050	ng	#	64
6) Aniline	6.587	93	200669	24.639	ng		95
8) 2-Chlorophenol	6.710	128	268213	49.071	ng		98
9) Benzaldehyde	6.475	77	168664	40.310	ng		95
10) Phenol	6.569	94	339355m	48.860	ng		
11) bis(2-Chloroethyl)ether	6.657	93	257455	47.260	ng		96
12) 1,3-Dichlorobenzene	6.869	146	281528	47.748	ng		99
13) 1,4-Dichlorobenzene	6.945	146	285232	47.718	ng		97
14) 1,2-Dichlorobenzene	7.092	146	270126	47.388	ng		97
15) Benzyl Alcohol	7.063	79	262622	45.351	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	368760	42.988	ng		95
17) 2-Methylphenol	7.175	107	218714	46.250	ng	#	92
18) Hexachloroethane	7.434	117	107096	46.742	ng		94
19) n-Nitroso-di-n-propyla...	7.334	70	206912	46.714	ng		98
20) 3+4-Methylphenols	7.328	107	283558	46.177	ng	#	86
22) Acetophenone	7.334	105	390720	50.057	ng	#	97
24) Nitrobenzene	7.510	77	308974	49.798	ng		99
25) Isophorone	7.745	82	540297	49.714	ng	#	97
26) 2-Nitrophenol	7.822	139	132640	50.211	ng	#	76
27) 2,4-Dimethylphenol	7.857	122	237411m	54.707	ng		
28) bis(2-Chloroethoxy)met...	7.951	93	309394	46.958	ng		97
29) 2,4-Dichlorophenol	8.063	162	191442	46.922	ng		98
30) 1,2,4-Trichlorobenzene	8.145	180	215211	47.180	ng		98
31) Naphthalene	8.233	128	729555	47.143	ng		99
32) Benzoic acid	7.969	122	119762	38.913	ng		82
33) 4-Chloroaniline	8.275	127	66649	10.942	ng		96
34) Hexachlorobutadiene	8.339	225	129272	48.543	ng		99
35) Caprolactam	8.645	113	61691m	43.298	ng		
36) 4-Chloro-3-methylphenol	8.757	107	230120	44.132	ng		95
37) 2-Methylnaphthalene	8.922	142	458614	45.671	ng		98
38) 1-Methylnaphthalene	9.022	142	425944	44.295	ng		98
40) 1,2,4,5-Tetrachloroben...	9.086	216	183431	56.960	ng		98
41) Hexachlorocyclopentadiene	9.069	237	104274	59.702	ng		96
43) 2,4,6-Trichlorophenol	9.198	196	121337	51.372	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.239	196	124711	50.177	ng		94
46)	1,1'-Biphenyl	9.386	154	528706	54.548	ng		98
47)	2-Chloronaphthalene	9.410	162	368957	51.333	ng		93
48)	2-Nitroaniline	9.510	65	144008	50.773	ng		95
49)	Acenaphthylene	9.827	152	596455	51.087	ng		98
50)	Dimethylphthalate	9.680	163	465140	53.193	ng		99
51)	2,6-Dinitrotoluene	9.745	165	92724	52.119	ng	#	76
52)	Acenaphthene	10.004	154	357588	47.095	ng		96
53)	3-Nitroaniline	9.916	138	66805	30.719	ng	#	96
54)	2,4-Dinitrophenol	10.022	184	24824	26.362	ng	#	86
55)	Dibenzofuran	10.175	168	490374	46.967	ng		91
56)	4-Nitrophenol	10.080	139	139921	87.113	ng	#	82
57)	2,4-Dinitrotoluene	10.151	165	117208	48.726	ng	#	99
58)	Fluorene	10.516	166	377133	46.372	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.286	232	85937	43.613	ng	#	98
60)	Diethylphthalate	10.380	149	459498	50.289	ng		99
61)	4-Chlorophenyl-phenyle...	10.504	204	175444	45.749	ng		92
62)	4-Nitroaniline	10.533	138	79903	37.207	ng	#	78
63)	Azobenzene	10.669	77	437379	42.988	ng		94
65)	4,6-Dinitro-2-methylph...	10.557	198	19189	17.857	ng		96
66)	n-Nitrosodiphenylamine	10.622	169	325239	54.233	ng		98
67)	4-Bromophenyl-phenylether	10.998	248	105916	51.832	ng		95
68)	Hexachlorobenzene	11.063	284	112409	51.099	ng		95
69)	Atrazine	11.151	200	102868	55.305	ng		95
70)	Pentachlorophenol	11.257	266	118877	98.994	ng		99
71)	Phenanthrene	11.480	178	538667	52.621	ng		99
72)	Anthracene	11.533	178	524012	51.420	ng		99
73)	Carbazole	11.686	167	444235	47.535	ng		99
74)	Di-n-butylphthalate	12.010	149	603220	50.209	ng		98
75)	Fluoranthene	12.674	202	520688	53.570	ng		94
77)	Benzidine	12.804	184	194080	55.611	ng		97
78)	Pyrene	12.910	202	527950	47.320	ng		99
80)	Butylbenzylphthalate	13.515	149	240633	45.558	ng		89
81)	Benzo(a)anthracene	14.098	228	434689	50.208	ng		100
82)	3,3'-Dichlorobenzidine	14.051	252	82067	30.078	ng		97
83)	Chrysene	14.133	228	412217	50.632	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.068	149	342913	49.450	ng	#	97
85)	Di-n-octyl phthalate	14.686	149	542938	54.379	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.145	276	290339	45.436	ng	#	83
88)	Benzo(b)fluoranthene	15.162	252	365742	55.879	ng	#	95
89)	Benzo(k)fluoranthene	15.192	252	311671	49.369	ng	#	96
90)	Benzo(a)pyrene	15.545	252	311364	60.903	ng	#	94
91)	Dibenzo(a,h)anthracene	17.162	278	237889	45.013	ng	#	92
92)	Benzo(g,h,i)perylene	17.615	276	241185	46.291	ng	#	85

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

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