Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
Data File : BF127354.D
Acq On : 16 Mar 2022 18:30
Operator : CG\JU
Sample : N1951-10MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Quant Time: Mar 17 02:35:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88484	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	325629	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	192778	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	341573	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203851	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	199829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	640985	116.453	ng	0.00
7) Phenol-d6	6.510	99	880358	116.266	ng	0.00
23) Nitrobenzene-d5	7.440	82	601711	76.312	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240586	115.932	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	976484	71.613	ng	0.00
79) Terphenyl-d14	12.986	244	958382	80.955	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	63655	22.304	ng	# 78
3) Pyridine	3.457	79	241478	31.796	ng	# 73
4) n-Nitrosodimethylamine	3.428	42	143180	34.027	ng	# 60
6) Aniline	6.534	93	312576	34.542	ng	94
8) 2-Chlorophenol	6.657	128	254269	44.654	ng	96
9) Benzaldehyde	6.422	77	165338	42.257	ng	95
10) Phenol	6.522	94	358820	43.139	ng	81
11) bis(2-Chloroethyl)ether	6.604	93	268443	43.459	ng	92
12) 1,3-Dichlorobenzene	6.804	146	266488	41.692	ng	97
13) 1,4-Dichlorobenzene	6.887	146	270810	42.233	ng	96
14) 1,2-Dichlorobenzene	7.034	146	261662	43.357	ng	97
15) Benzyl Alcohol	7.016	79	254061	44.765	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.140	45	479565	41.371	ng	99
17) 2-Methylphenol	7.122	107	219631	45.371	ng	# 92
18) Hexachloroethane	7.375	117	101854	41.351	ng	# 82
19) n-Nitroso-di-n-propyla...	7.281	70	198923	42.099	ng	# 89
20) 3+4-Methylphenols	7.275	107	254204	40.492	ng	# 84
22) Acetophenone	7.281	105	348362	39.073	ng	# 86
24) Nitrobenzene	7.457	77	314488	42.170	ng	96
25) Isophorone	7.692	82	569838	44.945	ng	# 99
26) 2-Nitrophenol	7.769	139	131609	42.614	ng	# 79
27) 2,4-Dimethylphenol	7.804	122	231084	49.844	ng	94
28) bis(2-Chloroethoxy)met...	7.898	93	334938	41.693	ng	98
29) 2,4-Dichlorophenol	8.010	162	220376	41.506	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	248176	41.000	ng	97
31) Naphthalene	8.175	128	728434	41.936	ng	99
32) Benzoic acid	7.945	122	128568	41.015	ng	86
33) 4-Chloroaniline	8.222	127	106842	15.868	ng	# 92
34) Hexachlorobutadiene	8.281	225	156379	38.742	ng	97
35) Caprolactam	8.604	113	72638m	45.795	ng	
36) 4-Chloro-3-methylphenol	8.716	107	246431	42.823	ng	97
37) 2-Methylnaphthalene	8.863	142	479469	42.244	ng	97
38) 1-Methylnaphthalene	8.963	142	459114	42.076	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	250385	41.028	ng	# 94
41) Hexachlorocyclopentadiene	9.010	237	210703	82.538	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	155963	40.492	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	169429	41.447	ng	#	89
46) 1,1'-Biphenyl	9.328	154	597479	41.065	ng		98
47) 2-Chloronaphthalene	9.357	162	465605	41.109	ng		98
48) 2-Nitroaniline	9.457	65	183416	42.090	ng		91
49) Acenaphthylene	9.775	152	759812	43.837	ng		98
50) Dimethylphthalate	9.634	163	559388	40.495	ng	#	99
51) 2,6-Dinitrotoluene	9.698	165	122303	43.769	ng	#	91
52) Acenaphthene	9.945	154	423484	40.989	ng		97
53) 3-Nitroaniline	9.869	138	81608	26.800	ng		91
54) 2,4-Dinitrophenol	9.986	184	120970	78.626	ng	#	88
55) Dibenzofuran	10.116	168	636307	39.643	ng		99
56) 4-Nitrophenol	10.045	139	165524	89.433	ng	#	78
57) 2,4-Dinitrotoluene	10.110	165	158893	43.219	ng	#	91
58) Fluorene	10.463	166	505715	40.632	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145164	42.731	ng	#	78
60) Diethylphthalate	10.333	149	511783	40.616	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	264425	39.203	ng	#	87
62) 4-Nitroaniline	10.492	138	123205	40.603	ng	#	82
63) Azobenzene	10.610	77	582964	40.248	ng		89
65) 4,6-Dinitro-2-methylph...	10.516	198	86038	40.853	ng		87
66) n-Nitrosodiphenylamine	10.575	169	439806	41.459	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	165256	40.135	ng		97
68) Hexachlorobenzene	11.010	284	179992	40.111	ng	#	84
69) Atrazine	11.098	200	164315	44.887	ng		93
70) Pentachlorophenol	11.210	266	176560	97.450	ng		99
71) Phenanthrene	11.428	178	730392	40.507	ng		100
72) Anthracene	11.480	178	762494	42.700	ng		99
73) Carbazole	11.639	167	651781	38.760	ng		98
74) Di-n-butylphthalate	11.957	149	768160	39.055	ng		99
75) Fluoranthene	12.622	202	774847	38.433	ng		92
77) Benzidine	12.739	184	225005	43.404	ng		99
78) Pyrene	12.851	202	772393	48.646	ng		99
80) Butylbenzylphthalate	13.457	149	250887	41.057	ng	#	93
81) Benzo(a)anthracene	14.039	228	578867	42.174	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	115358	27.030	ng	#	95
83) Chrysene	14.074	228	528755	41.417	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	317180	38.559	ng	#	99
85) Di-n-octyl phthalate	14.621	149	484460	38.911	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	585536	48.640	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	522692	39.849	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	503458	40.821	ng	#	93
90) Benzo(a)pyrene	15.468	252	517083	50.062	ng	#	93
91) Dibenzo(a,h)anthracene	17.057	278	515459	51.448	ng	#	91
92) Benzo(g,h,i)perylene	17.504	276	516853	52.885	ng	#	86

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

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