Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127429.D
Acq On : 22 Mar 2022 02:18
Operator : CG\JU
Sample : N1958-16MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1-0-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 22 05:07:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	99322	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	362456	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	210082	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	368090	20.000	ng		0.00
76) Chrysene-d12	14.027	240	231482	20.000	ng		0.00
86) Perylene-d12	15.504	264	178909	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	749882	120.515	ng		0.03
7) Phenol-d6	6.498	99	960557	112.935	ng		0.01
23) Nitrobenzene-d5	7.422	82	757542	89.340	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	300985	134.494	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1270149	88.285	ng		0.00
79) Terphenyl-d14	12.968	244	1393232	98.528	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	118178	43.243	ng	#	78
3) Pyridine	3.551	79	266047	34.491	ng		97
4) n-Nitrosodimethylamine	3.498	42	204654	48.324	ng		94
6) Aniline	6.522	93	216950	21.375	ng	#	88
8) 2-Chlorophenol	6.639	128	311051	48.918	ng		95
9) Benzaldehyde	6.410	77	139501	30.408	ng		98
10) Phenol	6.510	94	386019	41.674	ng		98
11) bis(2-Chloroethyl)ether	6.592	93	359510	53.043	ng		98
12) 1,3-Dichlorobenzene	6.792	146	308830	43.182	ng		96
13) 1,4-Dichlorobenzene	6.869	146	317266	44.102	ng		100
14) 1,2-Dichlorobenzene	7.016	146	301676	43.056	ng		97
15) Benzyl Alcohol	7.004	79	270897	43.825	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	566403	46.440	ng		80
17) 2-Methylphenol	7.110	107	275675	51.372	ng		94
18) Hexachloroethane	7.357	117	117093	44.460	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	243579	47.776	ng		98
20) 3+4-Methylphenols	7.263	107	306537	46.313	ng		92
22) Acetophenone	7.263	105	429683	46.376	ng		97
24) Nitrobenzene	7.439	77	394517	48.787	ng		99
25) Isophorone	7.675	82	717322	53.115	ng		99
26) 2-Nitrophenol	7.751	139	163626	48.246	ng		99
27) 2,4-Dimethylphenol	7.792	122	287193	56.294	ng		99
28) bis(2-Chloroethoxy)met...	7.880	93	418504	47.704	ng		100
29) 2,4-Dichlorophenol	7.998	162	280172	48.376	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	301026	44.605	ng		96
31) Naphthalene	8.157	128	890788	46.291	ng		98
32) Benzoic acid	7.957	122	152632	51.546	ng		93
33) 4-Chloroaniline	8.210	127	74055	9.931	ng		98
34) Hexachlorobutadiene	8.263	225	188564	44.000	ng		97
35) Caprolactam	8.598	113	67389m	37.743	ng		
36) 4-Chloro-3-methylphenol	8.704	107	310522	49.417	ng		99
37) 2-Methylnaphthalene	8.845	142	600338	48.518	ng		100
38) 1-Methylnaphthalene	8.945	142	565531	46.221	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	310286	46.452	ng		99
41) Hexachlorocyclopentadiene	8.992	237	259611	99.951	ng		97
43) 2,4,6-Trichlorophenol	9.127	196	192833	47.758	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	213387	51.340	ng	96
46) 1,1'-Biphenyl	9.310	154	737859	46.504	ng	99
47) 2-Chloronaphthalene	9.339	162	581894	46.572	ng	99
48) 2-Nitroaniline	9.445	65	226022	47.200	ng	97
49) Acenaphthylene	9.757	152	919423	48.675	ng	99
50) Dimethylphthalate	9.616	163	704991	48.237	ng	99
51) 2,6-Dinitrotoluene	9.686	165	153167	49.926	ng	95
52) Acenaphthene	9.927	154	530475	48.133	ng	99
53) 3-Nitroaniline	9.857	138	89714	26.659	ng	95
54) 2,4-Dinitrophenol	9.974	184	163617	102.880	ng	99
55) Dibenzofuran	10.098	168	773347	48.920	ng	99
56) 4-Nitrophenol	10.033	139	159997	93.411	ng	99
57) 2,4-Dinitrotoluene	10.092	165	191256	48.433	ng	94
58) Fluorene	10.445	166	628372	49.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	184484	50.203	ng	95
60) Diethylphthalate	10.316	149	618274	46.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	331155	43.841	ng	95
62) 4-Nitroaniline	10.480	138	136339	43.252	ng	98
63) Azobenzene	10.592	77	713351	45.289	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	112653	49.738	ng	98
66) n-Nitrosodiphenylamine	10.557	169	536219	47.856	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	205698	47.864	ng	97
68) Hexachlorobenzene	10.986	284	230172	49.067	ng	95
69) Atrazine	11.080	200	191059	51.219	ng	97
70) Pentachlorophenol	11.192	266	206250	111.022	ng	97
71) Phenanthrene	11.410	178	906196	47.222	ng	100
72) Anthracene	11.463	178	919162	48.266	ng	99
73) Carbazole	11.621	167	824870	45.293	ng	99
74) Di-n-butylphthalate	11.933	149	923280	48.977	ng	99
75) Fluoranthene	12.598	202	1002018	47.473	ng	99
77) Benzidine	12.721	184	137736	24.955	ng	96
78) Pyrene	12.827	202	1002276	50.451	ng	100
80) Butylbenzylphthalate	13.433	149	345314	52.813	ng	100
81) Benzo(a)anthracene	14.015	228	761068	49.164	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	130779	28.745	ng	100
83) Chrysene	14.057	228	702092	47.895	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	416780	55.143	ng	99
85) Di-n-octyl phthalate	14.598	149	541001	53.789	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	633568	52.335	ng	100
88) Benzo(b)fluoranthene	15.074	252	583640	51.738	ng	98
89) Benzo(k)fluoranthene	15.104	252	551386	47.150	ng	99
90) Benzo(a)pyrene	15.445	252	549362	59.340	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	561856	56.215	ng	97
92) Benzo(g,h,i)perylene	17.462	276	559789	54.186	ng	99

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

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