Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127428.D
Acq On : 22 Mar 2022 01:49
Operator : CG\JU
Sample : N1958-16MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Mar 22 05:28:05 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	97549	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	361905	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	210867	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	367296	20.000	ng		0.00
76) Chrysene-d12	14.027	240	236987	20.000	ng		0.00
86) Perylene-d12	15.504	264	189315	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	744324	121.796	ng		0.03
7) Phenol-d6	6.492	99	968659	115.957	ng		0.00
23) Nitrobenzene-d5	7.422	82	762214	90.028	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	299506	133.335	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1268738	87.859	ng		0.00
79) Terphenyl-d14	12.968	244	1424580	98.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	118435	44.124	ng	#	80
3) Pyridine	3.551	79	268720	35.471	ng		98
4) n-Nitrosodimethylamine	3.504	42	200521	48.208	ng		99
6) Aniline	6.522	93	208190	20.884	ng	#	85
8) 2-Chlorophenol	6.639	128	310330	49.692	ng		94
9) Benzaldehyde	6.410	77	136593	30.290	ng		97
10) Phenol	6.510	94	384676	42.284	ng		98
11) bis(2-Chloroethyl)ether	6.592	93	358424	53.844	ng		98
12) 1,3-Dichlorobenzene	6.792	146	308551	43.927	ng		95
13) 1,4-Dichlorobenzene	6.869	146	315861	44.705	ng		99
14) 1,2-Dichlorobenzene	7.016	146	303977	44.173	ng		98
15) Benzyl Alcohol	6.998	79	254486	41.919	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	563410	47.034	ng		80
17) 2-Methylphenol	7.110	107	272514	51.706	ng		94
18) Hexachloroethane	7.357	117	118252	45.716	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	247277	49.383	ng		99
20) 3+4-Methylphenols	7.263	107	314402	48.364	ng		93
22) Acetophenone	7.263	105	434920	47.012	ng		99
24) Nitrobenzene	7.439	77	391776	48.522	ng		98
25) Isophorone	7.675	82	716311	53.121	ng		99
26) 2-Nitrophenol	7.751	139	163314	48.227	ng		99
27) 2,4-Dimethylphenol	7.792	122	290494	57.028	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	415678	47.454	ng		99
29) 2,4-Dichlorophenol	7.998	162	281089	48.608	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	304492	45.187	ng		98
31) Naphthalene	8.157	128	897666	46.719	ng		99
32) Benzoic acid	7.951	122	160490m	53.962	ng		
33) 4-Chloroaniline	8.210	127	78833	10.588	ng		99
34) Hexachlorobutadiene	8.263	225	189767	44.348	ng		99
35) Caprolactam	8.604	113	65643m	36.821	ng		
36) 4-Chloro-3-methylphenol	8.704	107	310976	49.565	ng		99
37) 2-Methylnaphthalene	8.845	142	595661	48.213	ng		100
38) 1-Methylnaphthalene	8.945	142	567706	46.470	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	312039	46.541	ng		99
41) Hexachlorocyclopentadiene	8.992	237	258079	99.330	ng		95
43) 2,4,6-Trichlorophenol	9.128	196	194672	48.034	ng		96

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44) 2,4,5-Trichlorophenol	9.180	196	217325	52.093	ng	94
46) 1,1'-Biphenyl	9.310	154	734120	46.096	ng	99
47) 2-Chloronaphthalene	9.339	162	582992	46.486	ng	99
48) 2-Nitroaniline	9.445	65	229632	47.775	ng	98
49) Acenaphthylene	9.757	152	917951	48.416	ng	99
50) Dimethylphthalate	9.616	163	705573	48.097	ng	99
51) 2,6-Dinitrotoluene	9.686	165	152764	49.609	ng	95
52) Acenaphthene	9.927	154	528671	47.791	ng	98
53) 3-Nitroaniline	9.857	138	88957	26.335	ng	97
54) 2,4-Dinitrophenol	9.975	184	166468	104.164	ng	99
55) Dibenzofuran	10.098	168	778463	49.070	ng	98
56) 4-Nitrophenol	10.033	139	162318	94.414	ng	98
57) 2,4-Dinitrotoluene	10.092	165	192585	48.588	ng	97
58) Fluorene	10.445	166	629902	49.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	176485	47.848	ng	98
60) Diethylphthalate	10.316	149	625190	46.660	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	329689	43.484	ng	97
62) 4-Nitroaniline	10.486	138	140022	44.255	ng	93
63) Azobenzene	10.592	77	715865	45.280	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	111310	49.251	ng	95
66) n-Nitrosodiphenylamine	10.557	169	541272	48.411	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	207366	48.357	ng	94
68) Hexachlorobenzene	10.986	284	234152	50.023	ng	96
69) Atrazine	11.080	200	192751	51.785	ng	98
70) Pentachlorophenol	11.192	266	209359	112.822	ng	98
71) Phenanthrene	11.410	178	911759	47.615	ng	100
72) Anthracene	11.463	178	926995	48.783	ng	99
73) Carbazole	11.621	167	837165	46.067	ng	99
74) Di-n-butylphthalate	11.933	149	932935	49.596	ng	99
75) Fluoranthene	12.598	202	1018825	48.374	ng	99
77) Benzidine	12.721	184	142826	25.276	ng	97
78) Pyrene	12.827	202	1021653	50.232	ng	100
80) Butylbenzylphthalate	13.433	149	356402	53.242	ng	99
81) Benzo(a)anthracene	14.015	228	788949	49.781	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	129201	27.738	ng	97
83) Chrysene	14.057	228	725035	48.312	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	436331	56.388	ng	99
85) Di-n-octyl phthalate	14.598	149	572679	55.616	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	643505	50.234	ng	99
88) Benzo(b)fluoranthene	15.074	252	601842	50.419	ng	98
89) Benzo(k)fluoranthene	15.104	252	578085	46.716	ng	99
90) Benzo(a)pyrene	15.445	252	566387	57.816	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	558111	52.770	ng	97
92) Benzo(g,h,i)perylene	17.462	276	568242	51.981	ng	99

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

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