Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129417.D
Acq On : 28 Jul 2022 19:44
Operator : CG\JU
Sample : N3895-18MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 29 02:09:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	212474	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	848853	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	438536	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	628768	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	348479	20.000	ng		0.00
86) Perylene-d12	15.551	264	370218	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1574751	120.733	ng		0.02
7) Phenol-d6	6.528	99	2014953	122.904	ng		0.01
23) Nitrobenzene-d5	7.451	82	1299063	83.541	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	489045	115.992	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2256059	79.583	ng		0.00
79) Terphenyl-d14	13.004	244	1712384	92.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	241125	40.973	ng		90
3) Pyridine	3.534	79	625754	38.289	ng		92
4) n-Nitrosodimethylamine	3.487	42	340967	47.512	ng		94
6) Aniline	6.551	93	748607	36.730	ng		96
8) 2-Chlorophenol	6.675	128	718015	50.387	ng		97
9) Benzaldehyde	6.440	77	346598	31.131	ng		99
10) Phenol	6.540	94	848943m	48.626	ng		
11) bis(2-Chloroethyl)ether	6.622	93	684318	49.424	ng		94
12) 1,3-Dichlorobenzene	6.828	146	727010	47.570	ng		97
13) 1,4-Dichlorobenzene	6.904	146	730838	47.020	ng		99
14) 1,2-Dichlorobenzene	7.057	146	710397	49.724	ng		99
15) Benzyl Alcohol	7.034	79	625004	52.564	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	974140	46.805	ng		82
17) 2-Methylphenol	7.145	107	565867	47.867	ng		96
18) Hexachloroethane	7.392	117	284832	48.668	ng	#	88
19) n-Nitroso-di-n-propyla...	7.304	70	484352	48.801	ng		92
20) 3+4-Methylphenols	7.298	107	671841	44.697	ng	#	82
22) Acetophenone	7.298	105	945646	47.849	ng	#	92
24) Nitrobenzene	7.475	77	757462	47.304	ng		95
25) Isophorone	7.710	82	1382366	49.594	ng		99
26) 2-Nitrophenol	7.786	139	390890	49.483	ng		94
27) 2,4-Dimethylphenol	7.828	122	658215m	55.548	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	853640	52.793	ng		99
29) 2,4-Dichlorophenol	8.028	162	585047	47.836	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	588497	46.487	ng		98
31) Naphthalene	8.192	128	1973995	45.772	ng		100
32) Benzoic acid	7.957	122	333759	38.962	ng		97
33) 4-Chloroaniline	8.239	127	409902	23.150	ng		98
34) Hexachlorobutadiene	8.304	225	349345	48.547	ng		98
35) Caprolactam	8.628	113	187885m	47.252	ng		
36) 4-Chloro-3-methylphenol	8.733	107	626702	48.313	ng		94
37) 2-Methylnaphthalene	8.881	142	1304750	46.554	ng		100
38) 1-Methylnaphthalene	8.981	142	1236051	45.686	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	559683	48.605	ng		98
41) Hexachlorocyclopentadiene	9.033	237	524326	102.257	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	397076	47.477	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	410000	45.079	ng	#	95
46) 1,1'-Biphenyl	9.351	154	1550214	48.438	ng		98
47) 2-Chloronaphthalene	9.375	162	1217144	47.044	ng		99
48) 2-Nitroaniline	9.475	65	394703	45.879	ng		95
49) Acenaphthylene	9.792	152	1791887	45.580	ng		100
50) Dimethylphthalate	9.651	163	1448450	47.845	ng		100
51) 2,6-Dinitrotoluene	9.716	165	316963	46.779	ng		92
52) Acenaphthene	9.963	154	1239483m	48.272	ng		
53) 3-Nitroaniline	9.886	138	246530	30.812	ng		98
54) 2,4-Dinitrophenol	9.998	184	264860	76.570	ng		89
55) Dibenzofuran	10.139	168	1595022	45.062	ng		99
56) 4-Nitrophenol	10.063	139	435356	73.754	ng		98
57) 2,4-Dinitrotoluene	10.122	165	403606	45.597	ng		99
58) Fluorene	10.480	166	1245344	43.972	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	290523	41.334	ng		92
60) Diethylphthalate	10.351	149	1364730	46.633	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	581142	46.545	ng		91
62) 4-Nitroaniline	10.510	138	290249	36.568	ng		96
63) Azobenzene	10.627	77	1303187	43.659	ng		95
65) 4,6-Dinitro-2-methylph...	10.533	198	176407	44.450	ng		88
66) n-Nitrosodiphenylamine	10.592	169	1080657	51.609	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	362573	52.660	ng		91
68) Hexachlorobenzene	11.027	284	384628	51.557	ng		97
69) Atrazine	11.116	200	328830	51.701	ng		95
70) Pentachlorophenol	11.227	266	335835	82.806	ng		98
71) Phenanthrene	11.445	178	1577533	45.962	ng		100
72) Anthracene	11.498	178	1580758	46.866	ng		99
73) Carbazole	11.651	167	1379592	43.450	ng		99
74) Di-n-butylphthalate	11.974	149	1854522	49.046	ng		99
75) Fluoranthene	12.633	202	1379556	39.669	ng		99
77) Benzidine	12.757	184	321261	26.096	ng		100
78) Pyrene	12.863	202	1363462	46.789	ng		99
80) Butylbenzylphthalate	13.474	149	624549	49.411	ng		96
81) Benzo(a)anthracene	14.051	228	1115080	46.843	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	292641	37.234	ng		98
83) Chrysene	14.092	228	1042465	46.466	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	869581	52.257	ng		100
85) Di-n-octyl phthalate	14.645	149	1388468	57.983	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1077653	43.226	ng		99
88) Benzo(b)fluoranthene	15.115	252	1157731	47.143	ng		99
89) Benzo(k)fluoranthene	15.145	252	1125968	46.787	ng		99
90) Benzo(a)pyrene	15.492	252	1015738	50.952	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	932689	45.965	ng		99
92) Benzo(g,h,i)perylene	17.539	276	891656	43.004	ng		100

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

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