Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129276.D
Acq On : 18 Jul 2022 19:44
Operator : CG\JU
Sample : N3747-01MS 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-071522MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
07/19/2022
Supervised By :Jagrut Upadhyay
07/19/2022

Quant Time: Jul 19 02:09:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	192100	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	652583	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	296555	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	523203	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	513089	20.000	ng	#	0.00
86) Perylene-d12	15.574	264	411886	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	240709	20.012	ng		0.00
7) Phenol-d6	6.522	99	272296	17.503	ng		0.00
23) Nitrobenzene-d5	7.457	82	155792	12.761	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	52574	19.100	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	272421	15.563	ng		0.00
79) Terphenyl-d14	13.010	244	342460	12.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	39926	7.286	ng		89
3) Pyridine	3.516	79	102921	7.303	ng		91
4) n-Nitrosodimethylamine	3.410	42	55365	8.317	ng		98
6) Aniline	6.563	93	105829	5.790	ng		99
8) 2-Chlorophenol	6.681	128	110102	8.693	ng		98
9) Benzaldehyde	6.451	77	59167	6.197	ng		97
10) Phenol	6.534	94	127691m	8.171	ng		
11) bis(2-Chloroethyl)ether	6.628	93	110202	8.695	ng		95
12) 1,3-Dichlorobenzene	6.839	146	119529	8.874	ng		99
13) 1,4-Dichlorobenzene	6.916	146	122470	8.990	ng		97
14) 1,2-Dichlorobenzene	7.069	146	113784	8.961	ng		98
15) Benzyl Alcohol	7.034	79	81255	7.843	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	167538	8.296	ng		92
17) 2-Methylphenol	7.145	107	84863	7.971	ng		96
18) Hexachloroethane	7.410	117	41973	8.246	ng	#	85
19) n-Nitroso-di-n-propyla...	7.298	70	75610	8.263	ng		97
20) 3+4-Methylphenols	7.298	107	102074	7.801	ng	#	81
22) Acetophenone	7.304	105	149170	9.905	ng		99
24) Nitrobenzene	7.481	77	104343	8.985	ng		93
25) Isophorone	7.716	82	191148	9.316	ng		98
26) 2-Nitrophenol	7.798	139	46849	8.031	ng		91
27) 2,4-Dimethylphenol	7.828	122	85582m	9.435	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	119515	8.745	ng		98
29) 2,4-Dichlorophenol	8.039	162	71692	7.950	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	83015	8.872	ng		94
31) Naphthalene	8.204	128	289492	9.363	ng		99
32) Benzoic acid	7.886	122	41956m	5.955	ng		
33) 4-Chloroaniline	8.251	127	78354	6.111	ng		95
34) Hexachlorobutadiene	8.316	225	49156	9.338	ng		99
35) Caprolactam	8.586	113	22048	7.360	ng	#	84
36) 4-Chloro-3-methylphenol	8.728	107	71977	7.317	ng		90
37) 2-Methylnaphthalene	8.892	142	175613	8.714	ng		100
38) 1-Methylnaphthalene	8.992	142	163248	8.377	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	70224	9.524	ng		99
41) Hexachlorocyclopentadiene	9.045	237	16599	4.474	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	45352	8.353	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	46093	8.026	ng	#	93
46) 1,1'-Biphenyl	9.357	154	203783	9.715	ng		98
47) 2-Chloronaphthalene	9.386	162	155845	9.433	ng		96
48) 2-Nitroaniline	9.480	65	44997	8.107	ng	#	84
49) Acenaphthylene	9.798	152	249398	10.029	ng		99
50) Dimethylphthalate	9.651	163	181423	9.427	ng		100
51) 2,6-Dinitrotoluene	9.716	165	35029	8.412	ng		95
52) Acenaphthene	9.975	154	142192	8.748	ng		99
53) 3-Nitroaniline	9.886	138	36442	7.328	ng	#	97
54) 2,4-Dinitrophenol	9.998	184	5096	2.283	ng		89
55) Dibenzofuran	10.145	168	212455	9.208	ng		98
56) 4-Nitrophenol	10.045	139	64503	16.389	ng		89
57) 2,4-Dinitrotoluene	10.122	165	44879	8.219	ng		92
58) Fluorene	10.486	166	176410	10.052	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	36613m	8.253	ng		
60) Diethylphthalate	10.351	149	170467	9.160	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	77135	9.488	ng		92
62) 4-Nitroaniline	10.492	138	41317	8.393	ng		92
63) Azobenzene	10.639	77	169470	8.531	ng		94
66) n-Nitrosodiphenylamine	10.592	169	143126	8.574	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	45775	8.311	ng		96
68) Hexachlorobenzene	11.033	284	52117	9.015	ng		96
69) Atrazine	11.116	200	46825	10.118	ng		96
70) Pentachlorophenol	11.233	266	50812	14.780	ng		98
71) Phenanthrene	11.451	178	315360	11.872	ng		99
72) Anthracene	11.504	178	277879	10.531	ng		99
73) Carbazole	11.657	167	254433	9.667	ng		97
74) Di-n-butylphthalate	11.980	149	300283	9.928	ng		99
75) Fluoranthene	12.645	202	457908	17.309	ng		98
77) Benzidine	12.763	184	76956	5.358	ng		100
78) Pyrene	12.874	202	468117	11.264	ng		99
80) Butylbenzylphthalate	13.486	149	147715	7.980	ng		94
81) Benzo(a)anthracene	14.063	228	368752	11.394	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	83326	10.292	ng	#	97
83) Chrysene	14.098	228	366172	11.853	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	219864	8.927	ng		98
85) Di-n-octyl phthalate	14.657	149	372963	10.557	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	219468	8.545	ng		97
88) Benzo(b)fluoranthene	15.127	252	325244	12.854	ng	#	98
89) Benzo(k)fluoranthene	15.157	252	289177	11.697	ng		96
90) Benzo(a)pyrene	15.504	252	258262	12.537	ng	#	96
91) Dibenzo(a,h)anthracene	17.098	278	173936	8.372	ng		96
92) Benzo(g,h,i)perylene	17.545	276	187544	8.831	ng		98

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

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