Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129918.D
Acq On : 19 Aug 2022 19:51
Operator : CG\JU
Sample : N4217-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 07:52:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	134638	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	564353	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	300110	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	510648	20.000	ng	0.00
76) Chrysene-d12	13.963	240	292236	20.000	ng	0.00
86) Perylene-d12	15.421	264	258147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	994101	122.249	ng	0.01
7) Phenol-d6	6.445	99	1268671	124.584	ng	0.00
23) Nitrobenzene-d5	7.357	82	813500	77.165	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	353557	117.381	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1433709	72.558	ng	0.00
79) Terphenyl-d14	12.898	244	1439666	81.972	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	157324	46.894	ng	97
3) Pyridine	3.328	79	406544	46.306	ng	100
4) n-Nitrosodimethylamine	3.293	42	226257	55.920	ng	96
6) Aniline	6.457	93	472572	40.717	ng	91
8) 2-Chlorophenol	6.581	128	497671	54.975	ng	96
9) Benzaldehyde	6.345	77	288043	55.407	ng	99
10) Phenol	6.463	94	593195	53.105	ng	81
11) bis(2-Chloroethyl)ether	6.528	93	462775	54.557	ng	98
12) 1,3-Dichlorobenzene	6.728	146	517415	52.944	ng	98
13) 1,4-Dichlorobenzene	6.804	146	519963	52.070	ng	98
14) 1,2-Dichlorobenzene	6.957	146	491459	52.991	ng	99
15) Benzyl Alcohol	6.945	79	427851	55.654	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	613303	53.959	ng	99
17) 2-Methylphenol	7.063	107	392358	53.979	ng	99
18) Hexachloroethane	7.292	117	203329	54.223	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	348628	54.162	ng	97
20) 3+4-Methylphenols	7.216	107	513191	52.597	ng	95
22) Acetophenone	7.204	105	699472	50.860	ng	99
24) Nitrobenzene	7.375	77	515057	48.451	ng	96
25) Isophorone	7.616	82	947334	52.209	ng	99
26) 2-Nitrophenol	7.692	139	267438	51.146	ng	99
27) 2,4-Dimethylphenol	7.734	122	436781	58.246	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	580493	54.792	ng	98
29) 2,4-Dichlorophenol	7.939	162	410958	50.118	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	415839	48.072	ng	97
31) Naphthalene	8.092	128	1409108	47.754	ng	100
32) Benzoic acid	7.898	122	208192	57.842	ng	93
33) 4-Chloroaniline	8.151	127	370389	31.919	ng	99
34) Hexachlorobutadiene	8.198	225	252839	48.002	ng	99
35) Caprolactam	8.539	113	125548m	49.236	ng	
36) 4-Chloro-3-methylphenol	8.651	107	452762	51.182	ng	99
37) 2-Methylnaphthalene	8.781	142	944429	48.765	ng	99
38) 1-Methylnaphthalene	8.881	142	900995	47.870	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	419685	50.280	ng	99
41) Hexachlorocyclopentadiene	8.928	237	267501	91.108	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	270306	49.842	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	288093	49.376	ng		98
46)	1,1'-Biphenyl	9.245	154	1162240	50.977	ng		99
47)	2-Chloronaphthalene	9.275	162	887187	49.181	ng		98
48)	2-Nitroaniline	9.386	65	287737	50.473	ng		92
49)	Acenaphthylene	9.692	152	1321461	48.308	ng		99
50)	Dimethylphthalate	9.551	163	1044470	48.549	ng		99
51)	2,6-Dinitrotoluene	9.628	165	233702	50.077	ng		92
52)	Acenaphthene	9.863	154	811372	48.888	ng		99
53)	3-Nitroaniline	9.798	138	152418	29.533	ng		97
54)	2,4-Dinitrophenol	9.916	184	221695	103.355	ng		96
55)	Dibenzofuran	10.033	168	1208243	48.458	ng		96
56)	4-Nitrophenol	9.992	139	264832	115.343	ng		99
57)	2,4-Dinitrotoluene	10.039	165	303114	50.034	ng		91
58)	Fluorene	10.380	166	1001165	48.090	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.163	232	220316	51.453	ng	#	84
60)	Diethylphthalate	10.251	149	1029926	48.012	ng		98
61)	4-Chlorophenyl-phenyle...	10.369	204	458888	49.117	ng		99
62)	4-Nitroaniline	10.422	138	245118m	47.078	ng		
63)	Azobenzene	10.527	77	988424	48.205	ng		99
65)	4,6-Dinitro-2-methylph...	10.451	198	152200	50.771	ng		99
66)	n-Nitrosodiphenylamine	10.492	169	864771	50.174	ng		99
67)	4-Bromophenyl-phenylether	10.857	248	294060	49.166	ng		96
68)	Hexachlorobenzene	10.927	284	325248	50.202	ng		96
69)	Atrazine	11.022	200	276606	52.289	ng		98
70)	Pentachlorophenol	11.133	266	229530	115.716	ng		97
71)	Phenanthrene	11.345	178	1391743	48.800	ng		100
72)	Anthracene	11.398	178	1413212	49.829	ng		100
73)	Carbazole	11.557	167	1295903	50.336	ng		99
74)	Di-n-butylphthalate	11.869	149	1583070	47.777	ng		99
75)	Fluoranthene	12.533	202	1386175	47.498	ng		98
77)	Benzidine	12.657	184	467298	69.543	ng		99
78)	Pyrene	12.763	202	1401406	55.184	ng		100
80)	Butylbenzylphthalate	13.368	149	570384	53.080	ng		94
81)	Benzo(a)anthracene	13.957	228	993727	49.431	ng		99
82)	3,3'-Dichlorobenzidine	13.915	252	221360	35.554	ng		98
83)	Chrysene	13.992	228	913886	48.564	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.921	149	701948	55.060	ng		97
85)	Di-n-octyl phthalate	14.533	149	916461	52.074	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.892	276	1005795	56.754	ng		100
88)	Benzo(b)fluoranthene	14.998	252	845782	47.847	ng		99
89)	Benzo(k)fluoranthene	15.027	252	839219	49.505	ng		99
90)	Benzo(a)pyrene	15.362	252	760777	54.652	ng		99
91)	Dibenzo(a,h)anthracene	16.892	278	873420	59.730	ng		98
92)	Benzo(g,h,i)perylene	17.333	276	899450	61.655	ng		98

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

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