Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127336.D
Acq On : 15 Mar 2022 21:10
Operator : CG\JU
Sample : N1948-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 05:31:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	90208	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	343960	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	208367	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	369216	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	193941	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	204275	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	554814	98.871	ng		0.00
7) Phenol-d6	6.504	99	787257	101.984	ng		0.00
23) Nitrobenzene-d5	7.439	82	547795	65.772	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	216281	96.423	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	967948	65.676	ng		0.00
79) Terphenyl-d14	12.986	244	921424	81.811	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	107109	36.813	ng	#	82
3) Pyridine	3.475	79	287009	37.069	ng	#	74
4) n-Nitrosodimethylamine	3.451	42	185942	43.345	ng	#	66
6) Aniline	6.534	93	352496	38.210	ng		95
8) 2-Chlorophenol	6.657	128	287975	49.607	ng		96
9) Benzaldehyde	6.422	77	187729	50.060	ng		92
10) Phenol	6.522	94	409610	48.304	ng		79
11) bis(2-Chloroethyl)ether	6.604	93	304840	48.408	ng		90
12) 1,3-Dichlorobenzene	6.810	146	300061	46.047	ng		99
13) 1,4-Dichlorobenzene	6.886	146	302424	46.262	ng		98
14) 1,2-Dichlorobenzene	7.034	146	286065	46.495	ng		99
15) Benzyl Alcohol	7.016	79	289167	49.977	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.139	45	548811	46.440	ng		99
17) 2-Methylphenol	7.128	107	242242	49.086	ng	#	89
18) Hexachloroethane	7.375	117	115975	46.184	ng	#	79
19) n-Nitroso-di-n-propyla...	7.281	70	228555	47.446	ng		89
20) 3+4-Methylphenols	7.281	107	278844	43.568	ng	#	84
22) Acetophenone	7.281	105	388931	41.299	ng	#	82
24) Nitrobenzene	7.457	77	355258	45.098	ng		95
25) Isophorone	7.692	82	664737	49.636	ng		97
26) 2-Nitrophenol	7.769	139	150985	46.282	ng	#	75
27) 2,4-Dimethylphenol	7.804	122	262943	53.693	ng		92
28) bis(2-Chloroethoxy)met...	7.898	93	388424	45.774	ng		98
29) 2,4-Dichlorophenol	8.016	162	257717	45.952	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	283716	44.374	ng		97
31) Naphthalene	8.175	128	823021	44.856	ng		100
32) Benzoic acid	7.945	122	124563	38.168	ng		93
33) 4-Chloroaniline	8.222	127	126744	17.821	ng	#	91
34) Hexachlorobutadiene	8.280	225	180334	42.296	ng		98
35) Caprolactam	8.616	113	79011m	47.159	ng		
36) 4-Chloro-3-methylphenol	8.716	107	290574	47.803	ng		100
37) 2-Methylnaphthalene	8.863	142	553174	46.140	ng		99
38) 1-Methylnaphthalene	8.963	142	530067	45.990	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	289352	43.866	ng	#	95
41) Hexachlorocyclopentadiene	9.016	237	297209	105.902	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	189089	45.420	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	202473	45.824	ng	#	88
46) 1,1'-Biphenyl	9.333	154	695709	44.238	ng		97
47) 2-Chloronaphthalene	9.357	162	541212	44.210	ng		100
48) 2-Nitroaniline	9.463	65	216356	45.934	ng		94
49) Acenaphthylene	9.774	152	873138	46.607	ng		98
50) Dimethylphthalate	9.633	163	680194	45.556	ng	#	98
51) 2,6-Dinitrotoluene	9.704	165	145695	48.239	ng		93
52) Acenaphthene	9.945	154	495746	44.393	ng		98
53) 3-Nitroaniline	9.874	138	83579	25.394	ng		99
54) 2,4-Dinitrophenol	9.980	184	61754	39.164	ng		98
55) Dibenzofuran	10.122	168	742168	42.779	ng		98
56) 4-Nitrophenol	10.045	139	171581	85.770	ng	#	68
57) 2,4-Dinitrotoluene	10.110	165	183357	46.142	ng	#	91
58) Fluorene	10.463	166	595734	44.284	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167668	45.663	ng	#	78
60) Diethylphthalate	10.333	149	623098	45.751	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	319934	43.884	ng		90
62) 4-Nitroaniline	10.498	138	134250	40.933	ng		87
63) Azobenzene	10.610	77	693225	44.280	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	64721	28.430	ng		92
66) n-Nitrosodiphenylamine	10.574	169	513315	44.765	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	203710	45.770	ng	#	91
68) Hexachlorobenzene	11.010	284	220579	45.475	ng	#	86
69) Atrazine	11.104	200	192900	48.751	ng		94
70) Pentachlorophenol	11.210	266	173646	88.666	ng		99
71) Phenanthrene	11.427	178	843057	43.255	ng		100
72) Anthracene	11.480	178	846496	43.855	ng		99
73) Carbazole	11.639	167	712520	39.199	ng		98
74) Di-n-butylphthalate	11.957	149	921620	43.349	ng		99
75) Fluoranthene	12.615	202	816573	37.470	ng		93
77) Benzidine	12.739	184	280277	56.829	ng		98
78) Pyrene	12.851	202	790156	52.307	ng		100
80) Butylbenzylphthalate	13.457	149	288025	49.543	ng	#	96
81) Benzo(a)anthracene	14.039	228	603618	46.224	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	108043	26.610	ng	#	96
83) Chrysene	14.074	228	560240	46.126	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	398549	50.926	ng	#	97
85) Di-n-octyl phthalate	14.627	149	648834	54.776	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	645885	52.486	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	593547	44.266	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	578850	45.913	ng	#	94
90) Benzo(a)pyrene	15.474	252	582077	55.128	ng	#	93
91) Dibenzo(a,h)anthracene	17.056	278	568340	55.491	ng	#	90
92) Benzo(g,h,i)perylene	17.503	276	547447	54.797	ng	#	84

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

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