Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126978.D
Acq On : 21 Feb 2022 17:29
Operator : CG\JU
Sample : N1600-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0AA7MSD

Quant Time: Feb 22 03:45:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	83762	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	308537	20.000	ng	#	0.00
39) Acenaphthene-d10	9.975	164	155110	20.000	ng		0.01
64) Phenanthrene-d10	11.463	188	244809	20.000	ng	#	0.01
76) Chrysene-d12	14.092	240	130080	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	149548	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	498142	91.917	ng		0.00
7) Phenol-d6	6.545	99	662205	90.554	ng		0.00
23) Nitrobenzene-d5	7.487	82	478397	69.987	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	154700	86.624	ng		0.01
45) 2-Fluorobiphenyl	9.286	172	662800	62.907	ng		0.00
79) Terphenyl-d14	13.039	244	550450	62.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	108078	43.581	ng		95
3) Pyridine	3.557	79	258343	39.717	ng		91
4) n-Nitrosodimethylamine	3.528	42	165591	51.968	ng	#	66
6) Aniline	6.581	93	173375	20.010	ng		95
8) 2-Chlorophenol	6.704	128	294656	50.673	ng		99
9) Benzaldehyde	6.475	77	204123	45.856	ng	#	65
10) Phenol	6.557	94	388476	52.575	ng		82
11) bis(2-Chloroethyl)ether	6.657	93	276518	47.713	ng		97
12) 1,3-Dichlorobenzene	6.863	146	304284	48.510	ng		98
13) 1,4-Dichlorobenzene	6.940	146	304528	47.888	ng		96
14) 1,2-Dichlorobenzene	7.092	146	293049	48.324	ng		98
15) Benzyl Alcohol	7.063	79	297217	48.244	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.198	45	364213	39.909	ng		54
17) 2-Methylphenol	7.169	107	242397	48.182	ng	#	86
18) Hexachloroethane	7.434	117	144595	59.320	ng		89
19) n-Nitroso-di-n-propyla...	7.334	70	282373	59.924	ng		98
20) 3+4-Methylphenols	7.322	107	312802	47.881	ng		89
22) Acetophenone	7.334	105	683781	84.173	ng	#	95
24) Nitrobenzene	7.504	77	329752	51.066	ng	#	94
25) Isophorone	7.739	82	691147	61.104	ng	#	86
26) 2-Nitrophenol	7.822	139	150480	54.733	ng	#	65
27) 2,4-Dimethylphenol	7.851	122	263192	58.273	ng		85
28) bis(2-Chloroethoxy)met...	7.951	93	336476	49.068	ng	#	87
29) 2,4-Dichlorophenol	8.063	162	220666	51.967	ng		98
30) 1,2,4-Trichlorobenzene	8.145	180	235538	49.615	ng		98
31) Naphthalene	8.234	128	984647	61.135	ng		97
33) 4-Chloroaniline	8.275	127	134939	21.285	ng	#	86
34) Hexachlorobutadiene	8.339	225	140938	50.851	ng		97
35) Caprolactam	8.651	113	58462	39.425	ng	#	1
36) 4-Chloro-3-methylphenol	8.757	107	279106	51.430	ng		93
37) 2-Methylnaphthalene	8.928	142	686515	65.689	ng		96
38) 1-Methylnaphthalene	9.028	142	583585	58.313	ng		96
40) 1,2,4,5-Tetrachloroben...	9.092	216	207563	50.835	ng		97
41) Hexachlorocyclopentadiene	9.075	237	242202	109.371	ng		95
43) 2,4,6-Trichlorophenol	9.198	196	143100	47.785	ng		97
44) 2,4,5-Trichlorophenol	9.245	196	148366	47.081	ng	#	80

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.392	154	671032	54.604	ng		97
47) 2-Chloronaphthalene	9.416	162	438704	48.140	ng		93
48) 2-Nitroaniline	9.510	65	184458	51.293	ng		95
49) Acenaphthylene	9.839	152	740108	49.997	ng		98
50) Dimethylphthalate	9.692	163	516251	46.563	ng	#	98
51) 2,6-Dinitrotoluene	9.751	165	121719	53.961	ng	#	75
52) Acenaphthene	10.010	154	450747	46.820	ng		95
53) 3-Nitroaniline	9.922	138	107026	38.815	ng	#	98
54) 2,4-Dinitrophenol	10.022	184	26239	21.977	ng	#	34
55) Dibenzofuran	10.181	168	624353	47.164	ng		91
56) 4-Nitrophenol	10.075	139	166023	81.523	ng	#	70
57) 2,4-Dinitrotoluene	10.157	165	154272	50.583	ng	#	96
58) Fluorene	10.522	166	502601	48.741	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	93064	37.251	ng	#	38
60) Diethylphthalate	10.386	149	531801	45.904	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	230109	47.325	ng		92
62) 4-Nitroaniline	10.533	138	110400	40.546	ng	#	71
63) Azobenzene	10.675	77	570778	44.246	ng		93
65) 4,6-Dinitro-2-methylph...	10.563	198	31172	21.671	ng	#	32
66) n-Nitrosodiphenylamine	10.628	169	461315	57.467	ng		97
67) 4-Bromophenyl-phenylether	11.004	248	143863	52.596	ng		93
68) Hexachlorobenzene	11.075	284	152679	51.850	ng		93
69) Atrazine	11.157	200	153193	61.530	ng		96
70) Pentachlorophenol	11.257	266	84131	52.340	ng		99
71) Phenanthrene	11.486	178	708317	51.693	ng		99
72) Anthracene	11.539	178	681203	49.938	ng		99
73) Carbazole	11.692	167	578657	46.257	ng		96
74) Di-n-butylphthalate	12.010	149	776733	48.299	ng	#	98
75) Fluoranthene	12.674	202	574686	44.171	ng		92
77) Benzidine	12.786	184	140759	39.819	ng	#	96
78) Pyrene	12.904	202	574763	50.859	ng		100
80) Butylbenzylphthalate	13.510	149	253636	47.407	ng		88
81) Benzo(a)anthracene	14.086	228	422361	48.162	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	28594	10.346	ng		98
83) Chrysene	14.121	228	396506	48.081	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	327589	46.638	ng	#	96
85) Di-n-octyl phthalate	14.674	149	537461	53.144	ng		98
87) Indeno(1,2,3-cd)pyrene	17.121	276	567656	57.888	ng	#	86
88) Benzo(b)fluoranthene	15.145	252	476416	47.432	ng	#	94
89) Benzo(k)fluoranthene	15.180	252	427098	44.086	ng	#	93
90) Benzo(a)pyrene	15.527	252	448883	57.215	ng	#	94
91) Dibenzo(a,h)anthracene	17.139	278	488535	60.238	ng	#	91
92) Benzo(g,h,i)perylene	17.586	276	482347	60.328	ng	#	86

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

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