Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126284.D
Acq On : 20 Dec 2021 18:16
Operator : JU/CG
Sample : M5122-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
369MSD

Quant Time: Dec 21 05:11:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	158502	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	607612	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	241012	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	350146	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	259368	20.000	ng		0.01
86) Perylene-d12	15.421	264	292357	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1412694	131.254	ng		0.02
7) Phenol-d6	6.451	99	1773102	129.742	ng		0.00
23) Nitrobenzene-d5	7.381	82	1128233	100.564	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	252703	130.469	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1338902	97.434	ng		0.00
79) Terphenyl-d14	12.927	244	1062126	71.177	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	269597	51.314	ng	#	100
3) Pyridine	3.363	79	594345	42.598	ng	#	78
4) n-Nitrosodimethylamine	3.316	42	294018	54.831	ng	#	1
6) Aniline	6.481	93	263021	15.152	ng		97
8) 2-Chlorophenol	6.604	128	563316	51.611	ng		90
9) Benzaldehyde	6.369	77	433993	52.626	ng		94
10) Phenol	6.463	94	712820	46.466	ng		92
11) bis(2-Chloroethyl)ether	6.557	93	615541	51.693	ng		99
12) 1,3-Dichlorobenzene	6.763	146	548697	49.836	ng		97
13) 1,4-Dichlorobenzene	6.840	146	555253	49.940	ng		96
14) 1,2-Dichlorobenzene	6.987	146	521239	50.704	ng		95
15) Benzyl Alcohol	6.963	79	473782	47.488	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	965734	49.559	ng		94
17) 2-Methylphenol	7.075	107	446749	46.724	ng		97
18) Hexachloroethane	7.334	117	212535	48.597	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	379532	45.238	ng	#	74
20) 3+4-Methylphenols	7.228	107	500318	44.261	ng	#	66
22) Acetophenone	7.228	105	723485	51.737	ng	#	96
24) Nitrobenzene	7.398	77	590168	52.695	ng		89
25) Isophorone	7.639	82	1049550	49.540	ng	#	87
26) 2-Nitrophenol	7.716	139	272316	53.937	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	460445	53.702	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	692833	49.740	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	366367	48.071	ng		91
30) 1,2,4-Trichlorobenzene	8.045	180	390396	49.522	ng		99
31) Naphthalene	8.122	128	1464376	51.535	ng		98
32) Benzoic acid	7.875	122	323864	43.845	ng		89
33) 4-Chloroaniline	8.169	127	82951	6.991	ng		96
34) Hexachlorobutadiene	8.245	225	193374	49.945	ng		100
35) Caprolactam	8.539	113	129044	68.129	ng		95
36) 4-Chloro-3-methylphenol	8.657	107	413245	45.966	ng		91
37) 2-Methylnaphthalene	8.816	142	867281	49.561	ng		97
38) 1-Methylnaphthalene	8.916	142	790663	46.558	ng		95
40) 1,2,4,5-Tetrachloroben...	8.981	216	290724	55.890	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	205546	69.005	ng		96
43) 2,4,6-Trichlorophenol	9.092	196	203489	49.730	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	211425	49.895	ng		99
46) 1,1'-Biphenyl	9.281	154	970495	54.459	ng		96
47) 2-Chloronaphthalene	9.304	162	695696	51.887	ng		98
48) 2-Nitroaniline	9.398	65	255176	52.142	ng		96
49) Acenaphthylene	9.716	152	1059103	51.694	ng		97
50) Dimethylphthalate	9.581	163	781256	51.173	ng		98
51) 2,6-Dinitrotoluene	9.639	165	172526	52.210	ng		93
52) Acenaphthene	9.892	154	699176	52.623	ng		99
53) 3-Nitroaniline	9.804	138	93007	22.144	ng	#	81
54) 2,4-Dinitrophenol	9.910	184	94292	69.301	ng	#	82
55) Dibenzofuran	10.063	168	893231	49.379	ng		96
56) 4-Nitrophenol	9.963	139	305915	100.835	ng	#	75
57) 2,4-Dinitrotoluene	10.039	165	218837	51.916	ng	#	95
58) Fluorene	10.404	166	624980	47.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	147947	47.088	ng	#	97
60) Diethylphthalate	10.280	149	746814	48.676	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	272458	46.208	ng		94
62) 4-Nitroaniline	10.416	138	151722	43.063	ng	#	71
63) Azobenzene	10.557	77	867198	46.666	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	62323	32.595	ng		91
66) n-Nitrosodiphenylamine	10.516	169	573872	51.068	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	163651	49.800	ng		93
68) Hexachlorobenzene	10.951	284	186825	49.431	ng		91
69) Atrazine	11.039	200	164811	80.031	ng		97
70) Pentachlorophenol	11.145	266	198173	94.514	ng		92
71) Phenanthrene	11.363	178	986295	54.575	ng		98
72) Anthracene	11.416	178	941054	51.880	ng		99
73) Carbazole	11.569	167	870562	50.962	ng		99
74) Di-n-butylphthalate	11.904	149	1113619	51.425	ng		100
75) Fluoranthene	12.551	202	1069832	65.704	ng		92
77) Benzidine	12.674	184	428865	104.881	ng		99
78) Pyrene	12.780	202	1079602	45.307	ng		96
80) Butylbenzylphthalate	13.404	149	471753	42.071	ng		88
81) Benzo(a)anthracene	13.968	228	788336	51.312	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	243498	34.692	ng	#	97
83) Chrysene	14.004	228	871916	54.622	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	826555	65.964	ng		100
85) Di-n-octyl phthalate	14.574	149	1261618	56.480	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	897355	46.017	ng		93
88) Benzo(b)fluoranthene	15.010	252	1082485	61.623	ng		95
89) Benzo(k)fluoranthene	15.039	252	917024	54.570	ng	#	96
90) Benzo(a)pyrene	15.368	252	962802	65.946	ng	#	96
91) Dibenzo(a,h)anthracene	16.880	278	736410	46.455	ng		96
92) Benzo(g,h,i)perylene	17.292	276	735058	44.817	ng		92

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

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