Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126466.D
Acq On : 3 Jan 2022 20:33
Operator : JU/CG
Sample : M5253-01MSD 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-1-122921MSD

Quant Time: Jan 04 05:21:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	98691	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	382827	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	179117	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	331963	20.000	ng		0.00
76) Chrysene-d12	13.963	240	199062	20.000	ng		0.00
86) Perylene-d12	15.404	264	152078	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	424893	61.827	ng		0.00
7) Phenol-d6	6.428	99	497302	55.870	ng		0.00
23) Nitrobenzene-d5	7.357	82	284105	38.105	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	100132	72.344	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	433370	42.576	ng		0.00
79) Terphenyl-d14	12.904	244	463259	45.216	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	48072	13.949	ng		98
3) Pyridine	3.234	79	106169	11.421	ng		99
4) n-Nitrosodimethylamine	3.152	42	67958	17.781	ng		97
6) Aniline	6.457	93	199474	18.022	ng		95
8) 2-Chlorophenol	6.581	128	161300	23.535	ng		96
9) Benzaldehyde	6.345	77	99895	18.129	ng		93
10) Phenol	6.445	94	228501	23.003	ng		94
11) bis(2-Chloroethyl)ether	6.534	93	163610	21.571	ng		92
12) 1,3-Dichlorobenzene	6.739	146	148261	21.648	ng		97
13) 1,4-Dichlorobenzene	6.816	146	149204	21.826	ng		98
14) 1,2-Dichlorobenzene	6.969	146	143692	21.572	ng		96
15) Benzyl Alcohol	6.939	79	128848	20.689	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	253190	21.255	ng		99
17) 2-Methylphenol	7.051	107	129271	21.443	ng		97
18) Hexachloroethane	7.310	117	48751	17.899	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	104794	20.632	ng		94
20) 3+4-Methylphenols	7.204	107	155246	21.630	ng	#	80
22) Acetophenone	7.204	105	209538	23.676	ng		100
24) Nitrobenzene	7.375	77	157868	21.159	ng		98
25) Isophorone	7.616	82	290012	21.729	ng		100
26) 2-Nitrophenol	7.698	139	64338	19.452	ng		93
27) 2,4-Dimethylphenol	7.734	122	136805	26.453	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	191736	21.990	ng		100
29) 2,4-Dichlorophenol	7.939	162	110788	23.461	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	115217	23.411	ng		97
31) Naphthalene	8.104	128	421100	23.305	ng		99
32) Benzoic acid	7.828	122	87945	27.061	ng		97
33) 4-Chloroaniline	8.151	127	156451	20.668	ng		95
34) Hexachlorobutadiene	8.228	225	57470	24.025	ng		98
35) Caprolactam	8.498	113	42169	35.102	ng		92
36) 4-Chloro-3-methylphenol	8.633	107	129230	22.424	ng		95
37) 2-Methylnaphthalene	8.798	142	276201	25.912	ng		98
38) 1-Methylnaphthalene	8.892	142	256245	24.864	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	101744	26.140	ng		97
41) Hexachlorocyclopentadiene	8.951	237	5242	3.308	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	70146	24.369	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	74886	24.170	ng		94
46) 1,1'-Biphenyl	9.257	154	333631	25.396	ng		98
47) 2-Chloronaphthalene	9.281	162	243616	24.483	ng		98
48) 2-Nitroaniline	9.375	65	91020	22.652	ng		90
49) Acenaphthylene	9.698	152	382284	25.331	ng		99
50) Dimethylphthalate	9.557	163	275549	24.642	ng		99
51) 2,6-Dinitrotoluene	9.616	165	55234	22.873	ng		99
52) Acenaphthene	9.869	154	239314	24.188	ng		99
53) 3-Nitroaniline	9.786	138	83712	25.283	ng		85
54) 2,4-Dinitrophenol	9.898	184	3702	6.838	ng	#	85
55) Dibenzofuran	10.039	168	340967	25.493	ng		99
56) 4-Nitrophenol	9.951	139	122820	52.158	ng	#	83
57) 2,4-Dinitrotoluene	10.022	165	72984	23.425	ng	#	83
58) Fluorene	10.386	166	262064	27.712	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	61818	27.798	ng		91
60) Diethylphthalate	10.257	149	281599	26.131	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	113248	27.441	ng		93
62) 4-Nitroaniline	10.392	138	85081	27.284	ng		93
63) Azobenzene	10.533	77	319882	23.045	ng		98
66) n-Nitrosodiphenylamine	10.492	169	232491	22.574	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	69435	23.565	ng		90
68) Hexachlorobenzene	10.933	284	82411	24.045	ng		98
69) Atrazine	11.022	200	71398	40.259	ng		97
70) Pentachlorophenol	11.127	266	82209	49.351	ng		98
71) Phenanthrene	11.345	178	434119	25.579	ng		99
72) Anthracene	11.398	178	437525	25.764	ng		99
73) Carbazole	11.551	167	402362	24.196	ng		98
74) Di-n-butylphthalate	11.886	149	511317	27.008	ng		99
75) Fluoranthene	12.533	202	450416	29.078	ng		97
77) Benzidine	12.657	184	161315	48.757	ng		98
78) Pyrene	12.763	202	448223	26.644	ng		99
80) Butylbenzylphthalate	13.386	149	202330	27.142	ng	#	87
81) Benzo(a)anthracene	13.951	228	274012	23.936	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	107624	20.151	ng	#	97
83) Chrysene	13.986	228	280698	23.904	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	260923	33.775	ng		100
85) Di-n-octyl phthalate	14.557	149	410719	30.655	ng		100
87) Indeno(1,2,3-cd)pyrene	16.827	276	221850	21.797	ng		99
88) Benzo(b)fluoranthene	14.986	252	265179	29.271	ng		98
89) Benzo(k)fluoranthene	15.015	252	215585	24.565	ng		98
90) Benzo(a)pyrene	15.345	252	225912	29.740	ng		97
91) Dibenzo(a,h)anthracene	16.845	278	184671	22.486	ng		96
92) Benzo(g,h,i)perylene	17.256	276	171195	19.576	ng		98

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

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