Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125833.D
Acq On : 13 Oct 2021 18:49
Operator : JU/CG
Sample : M4178-01MSD 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221MSD

Quant Time: Oct 14 09:03:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	182549	20.00	ng		0.00
21) Naphthalene-d8	8.127	136	681482	20.00	ng	#	0.00
39) Acenaphthene-d10	9.880	164	302993	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	461030	20.00	ng	#	0.00
76) Chrysene-d12	14.004	240	290603	20.00	ng		0.00
86) Perylene-d12	15.462	264	237581	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	653059	58.44	ng		0.00
7) Phenol-d6	6.469	99	797929	55.47	ng		0.00
23) Nitrobenzene-d5	7.404	82	442981	40.41	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	170275	56.92	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	862069	49.07	ng		0.00
79) Terphenyl-d14	12.945	244	775336	40.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	84760	17.81	ng	#	100
3) Pyridine	3.340	79	202387	16.44	ng	#	68
4) n-Nitrosodimethylamine	3.263	42	99095	22.37	ng	#	1
6) Aniline	6.504	93	370206	22.35	ng		94
8) 2-Chlorophenol	6.628	128	302501	24.72	ng		98
9) Benzaldehyde	6.392	77	161855	20.73	ng		94
10) Phenol	6.481	94	373989	26.73	ng		92
11) bis(2-Chloroethyl)ether	6.581	93	277036	24.44	ng		93
12) 1,3-Dichlorobenzene	6.786	146	312088	23.37	ng		96
13) 1,4-Dichlorobenzene	6.863	146	316465	23.24	ng		98
14) 1,2-Dichlorobenzene	7.016	146	300007	23.53	ng		100
15) Benzyl Alcohol	6.981	79	227882	23.90	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	337741	23.30	ng		88
17) 2-Methylphenol	7.092	107	235566	24.18	ng		97
18) Hexachloroethane	7.357	117	76866	16.39	ng		97
19) n-Nitroso-di-n-propyla...	7.251	70	184005	24.23	ng	#	69
20) 3+4-Methylphenols	7.245	107	293964	24.46	ng		91
22) Acetophenone	7.251	105	386525	25.80	ng	#	92
24) Nitrobenzene	7.422	77	270617	25.47	ng		96
25) Isophorone	7.663	82	484077	24.92	ng		94
26) 2-Nitrophenol	7.739	139	143488	26.71	ng		90
27) 2,4-Dimethylphenol	7.775	122	253737	28.36	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	330219	24.49	ng		99
29) 2,4-Dichlorophenol	7.980	162	229712	23.83	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	249365	23.59	ng		96
31) Naphthalene	8.151	128	1011498	30.70	ng		98
32) Benzoic acid	7.851	122	125587	19.96	ng		99
33) 4-Chloroaniline	8.192	127	286788	20.80	ng		99
34) Hexachlorobutadiene	8.269	225	138988	23.54	ng		99
35) Caprolactam	8.545	113	78871	28.32	ng		89
36) 4-Chloro-3-methylphenol	8.669	107	215077	22.84	ng		99
37) 2-Methylnaphthalene	8.839	142	653160	30.61	ng		99
38) 1-Methylnaphthalene	8.939	142	591337	28.56	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	212849	26.17	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	148267	25.16	ng		97
44) 2,4,5-Trichlorophenol	9.151	196	150566	24.02	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	586743	26.34	ng		99
47) 2-Chloronaphthalene	9.327	162	451322	24.95	ng		96
48) 2-Nitroaniline	9.416	65	120997	27.86	ng		94
49) Acenaphthylene	9.739	152	934036	35.26	ng		98
50) Dimethylphthalate	9.598	163	525256	26.33	ng	#	98
51) 2,6-Dinitrotoluene	9.657	165	106811	26.49	ng		95
52) Acenaphthene	9.916	154	456683	27.60	ng		97
53) 3-Nitroaniline	9.827	138	121537	25.50	ng		98
54) 2,4-Dinitrophenol	9.933	184	13060	7.63	ng	#	80
55) Dibenzofuran	10.086	168	700992	28.28	ng		93
56) 4-Nitrophenol	9.980	139	171611	48.29	ng		89
57) 2,4-Dinitrotoluene	10.063	165	129632	25.43	ng	#	75
58) Fluorene	10.427	166	652744	35.95	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	106451	22.50	ng	#	88
60) Diethylphthalate	10.298	149	486461	25.56	ng		98
61) 4-Chlorophenyl-phenyle...	10.421	204	210492	24.07	ng	#	86
62) 4-Nitroaniline	10.433	138	111805	25.38	ng	#	73
63) Azobenzene	10.580	77	404128	22.59	ng		79
65) 4,6-Dinitro-2-methylph...	10.469	198	12220	5.31	ng	#	74
66) n-Nitrosodiphenylamine	10.533	169	425354	27.05	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	123323	24.15	ng		95
68) Hexachlorobenzene	10.980	284	137353	23.74	ng	#	83
69) Atrazine	11.063	200	124899	27.36	ng		92
70) Pentachlorophenol	11.168	266	156522	50.60	ng		95
71) Phenanthrene	11.392	178	1561860	63.32	ng		97
72) Anthracene	11.439	178	929779	37.74	ng		99
73) Carbazole	11.592	167	682061	29.75	ng		99
74) Di-n-butylphthalate	11.927	149	727747	28.75	ng		98
75) Fluoranthene	12.580	202	1805284	81.11	ng		96
77) Benzidine	12.698	184	378524	35.59	ng		97
78) Pyrene	12.810	202	1819710	61.64	ng		95
80) Butylbenzylphthalate	13.421	149	292392	30.90	ng		99
81) Benzo(a)anthracene	13.992	228	982139	52.09	ng		94
82) 3,3'-Dichlorobenzidine	13.951	252	176436	29.62	ng		99
83) Chrysene	14.027	228	925441	49.66	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	375599	36.48	ng	#	97
85) Di-n-octyl phthalate	14.592	149	565909	32.99	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.921	276	615693	33.95	ng		95
88) Benzo(b)fluoranthene	15.039	252	906049	67.55	ng		97
89) Benzo(k)fluoranthene	15.068	252	497847	36.15	ng		97
90) Benzo(a)pyrene	15.403	252	776180	65.34	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	357662	23.91	ng		98
92) Benzo(g,h,i)perylene	17.362	276	550352	36.03	ng		92

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

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