Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125480.D
Acq On : 14 Sep 2021 18:31
Operator : JU/CG
Sample : M3722-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WALLSMSD

Quant Time: Sep 14 18:54:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	147637	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	576140	20.000	ng		# 0.00
39) Acenaphthene-d10	9.922	164	306460	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	520256	20.000	ng		0.00
76) Chrysene-d12	14.057	240	247291	20.000	ng		# 0.00
86) Perylene-d12	15.545	264	296989	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	952144	97.615	ng		0.02
7) Phenol-d6	6.522	99	1127399	89.369	ng		0.00
23) Nitrobenzene-d5	7.445	82	897623	78.436	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	371635	121.483	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1574110	71.588	ng		0.00
79) Terphenyl-d14	12.998	244	1259618	81.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	178710	37.130	ng	#	100
3) Pyridine	3.610	79	297946	23.449	ng	#	90
4) n-Nitrosodimethylamine	3.528	42	260106	40.909	ng	#	44
6) Aniline	6.545	93	239576	16.168	ng	#	51
8) 2-Chlorophenol	6.669	128	435932	43.810	ng	#	80
9) Benzaldehyde	6.434	77	220237	24.877	ng		94
10) Phenol	6.540	94	494861	37.459	ng		82
11) bis(2-Chloroethyl)ether	6.616	93	495327	47.607	ng		87
12) 1,3-Dichlorobenzene	6.822	146	490262	42.518	ng		98
13) 1,4-Dichlorobenzene	6.898	146	488710	42.536	ng		100
14) 1,2-Dichlorobenzene	7.045	146	461301	42.677	ng		98
15) Benzyl Alcohol	7.034	79	414103	42.634	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	824304	39.505	ng		70
17) 2-Methylphenol	7.140	107	365958	43.782	ng	#	89
18) Hexachloroethane	7.387	117	177778	44.188	ng	#	86
19) n-Nitroso-di-n-propyla...	7.298	70	328591	43.305	ng	#	76
20) 3+4-Methylphenols	7.292	107	418289	39.866	ng	#	57
22) Acetophenone	7.287	105	618788	41.732	ng	#	89
24) Nitrobenzene	7.463	77	524398	42.053	ng	#	87
25) Isophorone	7.704	82	928893	42.075	ng	#	90
26) 2-Nitrophenol	7.781	139	249136	50.035	ng	#	83
27) 2,4-Dimethylphenol	7.822	122	390445	44.791	ng		89
28) bis(2-Chloroethoxy)met...	7.910	93	571566	46.759	ng	#	96
29) 2,4-Dichlorophenol	8.028	162	392560	44.158	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	411649	42.464	ng		93
31) Naphthalene	8.187	128	1200768	40.695	ng		98
32) Benzoic acid	7.963	122	139234	23.533	ng		89
33) 4-Chloroaniline	8.234	127	77723	6.682	ng	#	90
34) Hexachlorobutadiene	8.292	225	269485	43.597	ng		100
35) Caprolactam	8.628	113	77580	33.692	ng	#	52
36) 4-Chloro-3-methylphenol	8.728	107	417775	46.033	ng		88
37) 2-Methylnaphthalene	8.875	142	848809	43.534	ng		98
38) 1-Methylnaphthalene	8.975	142	775645	42.600	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	432919	43.238	ng		97
41) Hexachlorocyclopentadiene	9.028	237	411207	78.170	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	293213	41.590	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	301022	40.585	ng		97
46) 1,1'-Biphenyl	9.339	154	983054	39.788	ng		98
47) 2-Chloronaphthalene	9.369	162	816715	40.677	ng		97
48) 2-Nitroaniline	9.469	65	301703	48.476	ng	#	83
49) Acenaphthylene	9.786	152	1214612	41.515	ng		97
50) Dimethylphthalate	9.645	163	1009888	47.552	ng	#	97
51) 2,6-Dinitrotoluene	9.710	165	206845	44.917	ng	#	78
52) Acenaphthene	9.957	154	715199	39.432	ng		99
53) 3-Nitroaniline	9.881	138	121585	24.483	ng	#	79
54) 2,4-Dinitrophenol	9.992	184	72273	39.732	ng	#	82
55) Dibenzofuran	10.128	168	1040044	39.845	ng		99
56) 4-Nitrophenol	10.057	139	183191	46.582	ng	#	76
57) 2,4-Dinitrotoluene	10.116	165	274115	49.182	ng	#	95
58) Fluorene	10.475	166	847112	43.897	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	207216	37.646	ng	#	85
60) Diethylphthalate	10.339	149	942433	45.519	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	433491	44.428	ng	#	83
62) 4-Nitroaniline	10.498	138	209741	46.967	ng		85
63) Azobenzene	10.622	77	939855	40.471	ng		93
65) 4,6-Dinitro-2-methylph...	10.528	198	86624	31.459	ng		80
66) n-Nitrosodiphenylamine	10.580	169	795303	42.693	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	292432	46.809	ng		93
68) Hexachlorobenzene	11.022	284	311673	48.495	ng	#	80
69) Atrazine	11.110	200	214718	40.168	ng		91
70) Pentachlorophenol	11.222	266	91689	24.433	ng		94
71) Phenanthrene	11.439	178	1175702	41.013	ng		98
72) Anthracene	11.486	178	1203148	42.581	ng		98
73) Carbazole	11.645	167	949278	36.765	ng		99
74) Di-n-butylphthalate	11.969	149	1032231	33.688	ng		100
75) Fluoranthene	12.627	202	996139	35.021	ng		97
77) Benzidine	12.751	184	111555	12.917	ng	#	90
78) Pyrene	12.857	202	951322	44.847	ng		96
80) Butylbenzylphthalate	13.469	149	367879	44.136	ng	#	94
81) Benzo(a)anthracene	14.045	228	756150	42.438	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	78857	14.278	ng		99
83) Chrysene	14.080	228	743365	42.187	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	490880	42.849	ng		100
85) Di-n-octyl phthalate	14.639	149	867646	45.537	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	1028228	48.058	ng	#	89
88) Benzo(b)fluoranthene	15.110	252	859161	39.597	ng	#	94
89) Benzo(k)fluoranthene	15.139	252	820441	40.522	ng		99
90) Benzo(a)pyrene	15.486	252	879333	45.880	ng	#	94
91) Dibenzo(a,h)anthracene	17.074	278	868244	46.946	ng	#	94
92) Benzo(g,h,i)perylene	17.515	276	877350	49.199	ng	#	88

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

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