Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125147.D
Acq On : 23 Aug 2021 9:45
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 23 10:15:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	159394	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	582494	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	300466	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	530642	20.000	ng		0.00
76) Chrysene-d12	14.098	240	343566	20.000	ng	#	0.00
86) Perylene-d12	15.598	264	300378	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.539	112	748090	71.038	ng		0.00
7) Phenol-d6	6.545	99	976331	71.685	ng		0.00
23) Nitrobenzene-d5	7.486	82	876255	75.733	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	259643	86.567	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1492685	69.239	ng		0.00
79) Terphenyl-d14	13.039	244	1626886	75.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	184887	35.580	ng	#	100
3) Pyridine	3.498	79	490000	35.720	ng		89
4) n-Nitrosodimethylamine	3.457	42	256409	37.353	ng	#	50
6) Aniline	6.586	93	580577	36.290	ng	#	92
8) 2-Chlorophenol	6.710	128	389628	36.269	ng		81
9) Benzaldehyde	6.475	77	320560	33.538	ng		91
10) Phenol	6.563	94	519769	36.442	ng		98
11) bis(2-Chloroethyl)ether	6.657	93	399561	35.570	ng	#	81
12) 1,3-Dichlorobenzene	6.869	146	452673	36.363	ng		97
13) 1,4-Dichlorobenzene	6.945	146	453377	36.550	ng		98
14) 1,2-Dichlorobenzene	7.098	146	420054	35.995	ng		98
15) Benzyl Alcohol	7.063	79	387577	36.960	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	822237	36.500	ng		98
17) 2-Methylphenol	7.169	107	332378	36.831	ng		95
18) Hexachloroethane	7.439	117	161712	37.230	ng	#	85
19) n-Nitroso-di-n-propyla...	7.339	70	298983	36.497	ng	#	79
20) 3+4-Methylphenols	7.322	107	412270	36.394	ng		90
22) Acetophenone	7.333	105	534147	35.631	ng		93
24) Nitrobenzene	7.510	77	478564	37.959	ng		89
25) Isophorone	7.745	82	834158	37.372	ng	#	89
26) 2-Nitrophenol	7.822	139	201384	40.003	ng	#	79
27) 2,4-Dimethylphenol	7.851	122	303070	34.389	ng		86
28) bis(2-Chloroethoxy)met...	7.951	93	455931	36.892	ng	#	97
29) 2,4-Dichlorophenol	8.063	162	343569	38.225	ng		97
30) 1,2,4-Trichlorobenzene	8.151	180	364578	37.198	ng		94
31) Naphthalene	8.233	128	1070383	35.881	ng		99
32) Benzoic acid	7.963	122	243665	40.735	ng	#	84
33) 4-Chloroaniline	8.275	127	446401	37.958	ng	#	89
34) Hexachlorobutadiene	8.345	225	236453	37.835	ng		99
35) Caprolactam	8.651	113	98012	42.101	ng	#	51
36) 4-Chloro-3-methylphenol	8.751	107	366704	39.965	ng		91
37) 2-Methylnaphthalene	8.922	142	724449	36.750	ng		99
38) 1-Methylnaphthalene	9.022	142	683385	37.124	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	363517	37.030	ng		97
41) Hexachlorocyclopentadiene	9.074	237	181659	35.222	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	262497	37.976	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	272861	37.522	ng		95
46) 1,1'-Biphenyl	9.386	154	848289	35.019	ng		99
47) 2-Chloronaphthalene	9.410	162	710199	36.078	ng		98
48) 2-Nitroaniline	9.504	65	250223	41.007	ng	#	83
49) Acenaphthylene	9.827	152	1047939	36.533	ng		99
50) Dimethylphthalate	9.686	163	797213	38.287	ng	#	97
51) 2,6-Dinitrotoluene	9.745	165	175421	38.853	ng	#	76
52) Acenaphthene	9.998	154	668683	37.603	ng		97
53) 3-Nitroaniline	9.916	138	194431	39.933	ng	#	80
54) 2,4-Dinitrophenol	10.021	184	82208	46.096	ng	#	77
55) Dibenzofuran	10.169	168	934126	36.501	ng		99
56) 4-Nitrophenol	10.063	139	155131	40.234	ng	#	75
57) 2,4-Dinitrotoluene	10.151	165	233415	42.715	ng	#	93
58) Fluorene	10.516	166	704219	37.220	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	215661	39.962	ng	#	87
60) Diethylphthalate	10.380	149	783624	38.604	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	361974	37.838	ng		88
62) 4-Nitroaniline	10.527	138	183620	41.938	ng	#	84
63) Azobenzene	10.663	77	857503	37.661	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	123163	43.854	ng		94
66) n-Nitrosodiphenylamine	10.621	169	689553	36.291	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	245883	38.588	ng		99
68) Hexachlorobenzene	11.063	284	258696	39.464	ng	#	86
69) Atrazine	11.145	200	217253	39.847	ng		92
70) Pentachlorophenol	11.251	266	154440	40.350	ng		90
71) Phenanthrene	11.480	178	1075669	36.789	ng		97
72) Anthracene	11.527	178	1063869	36.915	ng		98
73) Carbazole	11.680	167	981697	37.276	ng		100
74) Di-n-butylphthalate	12.010	149	1186636	37.970	ng		100
75) Fluoranthene	12.668	202	1109627	38.247	ng		97
77) Benzidine	12.786	184	478553	39.883	ng		97
78) Pyrene	12.898	202	1110586	37.684	ng		97
80) Butylbenzylphthalate	13.509	149	463880	40.058	ng		89
81) Benzo(a)anthracene	14.086	228	910736	36.791	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	296101	38.588	ng		99
83) Chrysene	14.121	228	890697	36.384	ng		97
84) Bis(2-ethylhexyl)phtha...	14.068	149	608114	38.207	ng		100
85) Di-n-octyl phthalate	14.686	149	964064	36.419	ng		99
87) Indeno(1,2,3-cd)pyrene	17.121	276	829947	38.353	ng	#	90
88) Benzo(b)fluoranthene	15.156	252	814870	37.132	ng	#	95
89) Benzo(k)fluoranthene	15.186	252	770903	37.645	ng		98
90) Benzo(a)pyrene	15.533	252	730480	37.683	ng	#	96
91) Dibenzo(a,h)anthracene	17.139	278	711606	38.043	ng	#	94
92) Benzo(g,h,i)perylene	17.586	276	706673	39.181	ng	#	87

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

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