Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126005.D
Acq On : 29 Oct 2021 15:05
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Oct 29 17:19:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	221623	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	878043	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	484024	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	852054	20.000	ng		0.00
76) Chrysene-d12	14.015	240	575662	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	457775	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1117018	75.075	ng		0.00
7) Phenol-d6	6.487	99	1546280	75.770	ng		0.00
23) Nitrobenzene-d5	7.422	82	1397387	82.205	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	363792	86.218	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2059015	75.228	ng		0.00
79) Terphenyl-d14	12.963	244	2276567	64.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	272452	37.475	ng	#	100
3) Pyridine	3.375	79	747725	38.843	ng		90
4) n-Nitrosodimethylamine	3.322	42	380275	30.799	ng	#	45
6) Aniline	6.516	93	983022	40.895	ng	#	92
8) 2-Chlorophenol	6.640	128	585379	38.979	ng	#	79
9) Benzaldehyde	6.404	77	445179	36.456	ng		93
10) Phenol	6.498	94	826298	41.994	ng		93
11) bis(2-Chloroethyl)ether	6.592	93	637695	40.243	ng	#	83
12) 1,3-Dichlorobenzene	6.798	146	626824	37.784	ng		96
13) 1,4-Dichlorobenzene	6.875	146	634837	38.254	ng		96
14) 1,2-Dichlorobenzene	7.028	146	584027	36.306	ng		96
15) Benzyl Alcohol	6.998	79	599430	38.800	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1258772	32.437	ng		99
17) 2-Methylphenol	7.104	107	522767	40.300	ng		96
18) Hexachloroethane	7.369	117	241358	38.360	ng		93
19) n-Nitroso-di-n-propyla...	7.275	70	457495	39.238	ng	#	79
20) 3+4-Methylphenols	7.257	107	613556	37.002	ng		91
22) Acetophenone	7.269	105	825180	36.400	ng		94
24) Nitrobenzene	7.439	77	695436	39.624	ng		89
25) Isophorone	7.681	82	1266994	39.139	ng	#	86
26) 2-Nitrophenol	7.751	139	300971	52.889	ng	#	69
27) 2,4-Dimethylphenol	7.787	122	487242	38.559	ng		89
28) bis(2-Chloroethoxy)met...	7.886	93	806050	39.688	ng	#	95
29) 2,4-Dichlorophenol	7.992	162	485896	39.227	ng		90
30) 1,2,4-Trichlorobenzene	8.081	180	543163	37.387	ng		98
31) Naphthalene	8.163	128	1674415	37.504	ng		98
32) Benzoic acid	7.910	122	413398	54.023	ng	#	84
33) 4-Chloroaniline	8.204	127	715462	38.888	ng	#	87
34) Hexachlorobutadiene	8.281	225	341160	37.365	ng		98
35) Caprolactam	8.581	113	170171	41.967	ng	#	41
36) 4-Chloro-3-methylphenol	8.686	107	570221	39.335	ng		90
37) 2-Methylnaphthalene	8.851	142	1085136	37.760	ng		92
38) 1-Methylnaphthalene	8.951	142	1048465	37.801	ng		92
40) 1,2,4,5-Tetrachloroben...	9.016	216	514779	38.608	ng		98
41) Hexachlorocyclopentadiene	9.004	237	289285	40.170	ng		96
43) 2,4,6-Trichlorophenol	9.128	196	367207	40.352	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	385621	40.166	ng		96
46) 1,1'-Biphenyl	9.316	154	1332104	37.575	ng		98
47) 2-Chloronaphthalene	9.339	162	1007994	37.712	ng		96
48) 2-Nitroaniline	9.428	65	438186	45.897	ng	#	70
49) Acenaphthylene	9.751	152	1543565	38.230	ng	#	97
50) Dimethylphthalate	9.616	163	1150038	38.357	ng	#	96
51) 2,6-Dinitrotoluene	9.675	165	266103	44.997	ng	#	77
52) Acenaphthene	9.928	154	1023842	39.019	ng		99
53) 3-Nitroaniline	9.839	138	302792	44.664	ng	#	65
54) 2,4-Dinitrophenol	9.945	184	125962	61.507	ng	#	82
55) Dibenzofuran	10.098	168	1476763	37.680	ng		95
56) 4-Nitrophenol	9.992	139	244662	46.441	ng	#	64
57) 2,4-Dinitrotoluene	10.075	165	350476	48.250	ng	#	92
58) Fluorene	10.439	166	1042453	35.675	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	327959	41.849	ng	#	86
60) Diethylphthalate	10.316	149	1170233	38.264	ng		96
61) 4-Chlorophenyl-phenyle...	10.433	204	520483	36.089	ng	#	85
62) 4-Nitroaniline	10.457	138	290164	46.647	ng	#	82
63) Azobenzene	10.592	77	1351684	38.320	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	204671	61.111	ng		81
66) n-Nitrosodiphenylamine	10.551	169	985126	38.601	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	356371	39.153	ng		92
68) Hexachlorobenzene	10.986	284	383700	39.986	ng	#	89
69) Atrazine	11.075	200	333786	41.296	ng		91
70) Pentachlorophenol	11.175	266	231475	42.729	ng		95
71) Phenanthrene	11.398	178	1643503	37.173	ng		97
72) Anthracene	11.451	178	1673855	37.919	ng		98
73) Carbazole	11.604	167	1596138	38.037	ng		99
74) Di-n-butylphthalate	11.939	149	1794820	40.146	ng		99
75) Fluoranthene	12.586	202	1744562	39.142	ng		97
77) Benzidine	12.704	184	721697	40.191	ng		98
78) Pyrene	12.816	202	1768671	33.015	ng		96
80) Butylbenzylphthalate	13.433	149	757915	43.492	ng	#	80
81) Benzo(a)anthracene	14.004	228	1410678	36.410	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	522080	42.497	ng		98
83) Chrysene	14.039	228	1450409	37.000	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	868275	45.991	ng	#	97
85) Di-n-octyl phthalate	14.610	149	1575552	53.869	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1082149	32.813	ng	#	92
88) Benzo(b)fluoranthene	15.051	252	1233598	40.826	ng	#	95
89) Benzo(k)fluoranthene	15.080	252	1184246	40.803	ng		99
90) Benzo(a)pyrene	15.410	252	975233	39.980	ng		96
91) Dibenzo(a,h)anthracene	16.951	278	898217	33.620	ng	#	94
92) Benzo(g,h,i)perylene	17.368	276	885662	31.729	ng	#	90

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

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