Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126009.D
Acq On : 29 Oct 2021 17:11
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF102921

Quant Time: Oct 29 18:23:16 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 18:20:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	220766	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	882445	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	500453	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	878534	20.000	ng		0.00
76) Chrysene-d12	14.015	240	578804	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	468225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1140345	73.287	ng		0.00
7) Phenol-d6	6.486	99	1539794	76.119	ng		0.00
23) Nitrobenzene-d5	7.422	82	1432453	79.519	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	378941	78.719	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2146350	75.641	ng		0.00
79) Terphenyl-d14	12.963	244	2349574	75.840	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	275205	39.431	ng	#	100
3) Pyridine	3.369	79	756303	39.539	ng		89
4) n-Nitrosodimethylamine	3.316	42	382155	39.263	ng	#	49
6) Aniline	6.516	93	980348	39.436	ng	#	91
8) 2-Chlorophenol	6.639	128	592832	38.877	ng	#	77
9) Benzaldehyde	6.404	77	459980	42.914	ng		94
10) Phenol	6.498	94	839467	37.503	ng		94
11) bis(2-Chloroethyl)ether	6.592	93	641624	39.344	ng	#	83
12) 1,3-Dichlorobenzene	6.798	146	630556	38.323	ng		96
13) 1,4-Dichlorobenzene	6.875	146	643850	39.162	ng		96
14) 1,2-Dichlorobenzene	7.028	146	589131	43.634	ng		96
15) Benzyl Alcohol	6.998	79	614411	40.583	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.133	45	1270108	40.110	ng		99
17) 2-Methylphenol	7.104	107	531117	39.512	ng		94
18) Hexachloroethane	7.369	117	243328	39.387	ng		93
19) n-Nitroso-di-n-propyla...	7.275	70	466452	38.963	ng	#	80
20) 3+4-Methylphenols	7.263	107	619350	34.714	ng	#	73
22) Acetophenone	7.269	105	833779	37.436	ng		94
24) Nitrobenzene	7.439	77	701897	39.328	ng	#	88
25) Isophorone	7.681	82	1287013	39.028	ng	#	87
26) 2-Nitrophenol	7.751	139	309031	41.643	ng	#	69
27) 2,4-Dimethylphenol	7.786	122	496757	39.379	ng		89
28) bis(2-Chloroethoxy)met...	7.886	93	818388	38.849	ng	#	97
29) 2,4-Dichlorophenol	7.992	162	498473	39.512	ng		91
30) 1,2,4-Trichlorobenzene	8.080	180	554596	38.364	ng		96
31) Naphthalene	8.163	128	1685024	38.344	ng		98
32) Benzoic acid	7.916	122	430375	46.725	ng		88
33) 4-Chloroaniline	8.204	127	739842	38.854	ng	#	87
34) Hexachlorobutadiene	8.280	225	339796	38.880	ng		98
35) Caprolactam	8.580	113	174392	39.588	ng	#	45
36) 4-Chloro-3-methylphenol	8.686	107	584050	39.248	ng		90
37) 2-Methylnaphthalene	8.851	142	1108074	38.358	ng		91
38) 1-Methylnaphthalene	8.951	142	1069267	37.981	ng		90
40) 1,2,4,5-Tetrachloroben...	9.016	216	527984	38.153	ng		98
41) Hexachlorocyclopentadiene	9.004	237	286558	39.875	ng		99
43) 2,4,6-Trichlorophenol	9.127	196	381624	39.326	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	401837	39.577	ng		96
46) 1,1'-Biphenyl	9.316	154	1371078	36.374	ng		98
47) 2-Chloronaphthalene	9.339	162	1042469	38.344	ng		97
48) 2-Nitroaniline	9.433	65	455469	40.865	ng	#	77
49) Acenaphthylene	9.757	152	1575259	38.221	ng		99
50) Dimethylphthalate	9.616	163	1196943	38.393	ng	#	95
51) 2,6-Dinitrotoluene	9.674	165	279988	41.075	ng	#	77
52) Acenaphthene	9.927	154	1054467	37.966	ng		98
53) 3-Nitroaniline	9.845	138	313034	39.292	ng	#	69
54) 2,4-Dinitrophenol	9.945	184	141366	47.032	ng	#	81
55) Dibenzofuran	10.098	168	1517423	36.263	ng		95
56) 4-Nitrophenol	9.992	139	256249	40.756	ng	#	66
57) 2,4-Dinitrotoluene	10.074	165	371048	41.801	ng	#	88
58) Fluorene	10.439	166	1071006	42.432	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	334119	38.846	ng	#	87
60) Diethylphthalate	10.316	149	1204819	38.277	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	539358	41.649	ng	#	86
62) 4-Nitroaniline	10.457	138	300561	39.748	ng		85
63) Azobenzene	10.592	77	1401761	38.496	ng		91
65) 4,6-Dinitro-2-methylph...	10.486	198	214601	45.180	ng		88
66) n-Nitrosodiphenylamine	10.551	169	1022404	38.613	ng		97
67) 4-Bromophenyl-phenylether	10.921	248	381135	39.728	ng		92
68) Hexachlorobenzene	10.986	284	397699	39.340	ng	#	89
69) Atrazine	11.074	200	347599	40.293	ng		93
70) Pentachlorophenol	11.174	266	247131	42.881	ng		95
71) Phenanthrene	11.398	178	1704757	36.719	ng		98
72) Anthracene	11.451	178	1732092	38.641	ng		98
73) Carbazole	11.604	167	1669849	38.443	ng		99
74) Di-n-butylphthalate	11.939	149	1852205	39.074	ng		99
75) Fluoranthene	12.586	202	1770012	36.375	ng		97
77) Benzidine	12.704	184	699808	32.002	ng		99
78) Pyrene	12.815	202	1824758	38.831	ng		96
80) Butylbenzylphthalate	13.433	149	776932	40.611	ng	#	82
81) Benzo(a)anthracene	14.004	228	1414324	38.186	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	513158	37.934	ng		97
83) Chrysene	14.039	228	1481431	38.675	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	889918	39.891	ng	#	98
85) Di-n-octyl phthalate	14.609	149	1604995	41.156	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1118882	39.007	ng	#	92
88) Benzo(b)fluoranthene	15.051	252	1245569	39.841	ng	#	95
89) Benzo(k)fluoranthene	15.080	252	1197010	39.381	ng		99
90) Benzo(a)pyrene	15.409	252	983411	39.002	ng		98
91) Dibenzo(a,h)anthracene	16.950	278	927451	39.663	ng	#	94
92) Benzo(g,h,i)perylene	17.374	276	931449	39.750	ng	#	89

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

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