Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
Data File : BF126771.D
Acq On : 01 Feb 2022 13:41
Operator : CG/JU
Sample : PB142340BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 04:57:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142340BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	139372	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	567014	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	313547	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	538131	20.000	ng		0.00
76) Chrysene-d12	14.145	240	357476	20.000	ng	#	0.00
86) Perylene-d12	15.663	264	247732	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1118637	105.618	ng		0.02
7) Phenol-d6	6.581	99	1556170	105.751	ng		0.00
23) Nitrobenzene-d5	7.522	82	1093365	75.475	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	355145	121.032	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1417531	69.238	ng		0.00
79) Terphenyl-d14	13.080	244	1615062	75.778	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	171259	32.808	ng	#	87
3) Pyridine	3.640	79	452841	30.969	ng	#	81
4) n-Nitrosodimethylamine	3.605	42	176579	34.129	ng	#	72
6) Aniline	6.622	93	526767	28.566	ng		97
8) 2-Chlorophenol	6.740	128	408631	42.064	ng		96
9) Benzaldehyde	6.510	77	391007	43.136	ng		88
10) Phenol	6.593	94	638552	40.799	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	513008	40.392	ng		92
12) 1,3-Dichlorobenzene	6.898	146	421849	39.116	ng		96
13) 1,4-Dichlorobenzene	6.975	146	425304	39.053	ng		96
14) 1,2-Dichlorobenzene	7.128	146	411517	40.081	ng		98
15) Benzyl Alcohol	7.098	79	457541	34.875	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	555929	38.366	ng		81
17) 2-Methylphenol	7.198	107	394435	41.298	ng	#	93
18) Hexachloroethane	7.469	117	170333	38.736	ng		93
19) n-Nitroso-di-n-propyla...	7.369	70	383159	35.676	ng	#	82
20) 3+4-Methylphenols	7.351	107	482886	38.993	ng	#	82
22) Acetophenone	7.363	105	627244	35.896	ng	#	90
24) Nitrobenzene	7.540	77	600319	40.142	ng	#	88
25) Isophorone	7.775	82	1064681	37.897	ng		95
26) 2-Nitrophenol	7.857	139	208495	53.445	ng	#	82
27) 2,4-Dimethylphenol	7.887	122	407425	44.009	ng		88
28) bis(2-Chloroethoxy)met...	7.987	93	643906	36.749	ng		97
29) 2,4-Dichlorophenol	8.092	162	351750	40.054	ng		95
30) 1,2,4-Trichlorobenzene	8.181	180	354095	37.600	ng		97
31) Naphthalene	8.263	128	1171549	38.247	ng		99
32) Benzoic acid	8.004	122	288668	54.968	ng	#	73
33) 4-Chloroaniline	8.304	127	118007	9.643	ng	#	93
34) Hexachlorobutadiene	8.375	225	216523	36.145	ng		98
35) Caprolactam	8.681	113	137718m	43.915	ng		
36) 4-Chloro-3-methylphenol	8.787	107	458094	39.890	ng		88
37) 2-Methylnaphthalene	8.957	142	741935	38.947	ng		99
38) 1-Methylnaphthalene	9.057	142	702547	38.049	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	345973	39.340	ng		97
41) Hexachlorocyclopentadiene	9.104	237	458820	85.689	ng		95
43) 2,4,6-Trichlorophenol	9.228	196	247448	39.469	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	273263	42.085	ng		92
46) 1,1'-Biphenyl	9.422	154	923810	39.108	ng		98
47) 2-Chloronaphthalene	9.445	162	722531	38.932	ng		99
48) 2-Nitroaniline	9.539	65	311176	48.562	ng		91
49) Acenaphthylene	9.863	152	1175181	40.367	ng		98
50) Dimethylphthalate	9.722	163	880494	39.593	ng	#	99
51) 2,6-Dinitrotoluene	9.781	165	193369	50.320	ng	#	80
52) Acenaphthene	10.039	154	786217	44.175	ng		97
53) 3-Nitroaniline	9.951	138	110636	25.181	ng	#	80
54) 2,4-Dinitrophenol	10.057	184	200392	98.257	ng		95
55) Dibenzofuran	10.210	168	1018699	38.087	ng		99
56) 4-Nitrophenol	10.110	139	318703	91.095	ng	#	73
57) 2,4-Dinitrotoluene	10.186	165	261842	56.230	ng		90
58) Fluorene	10.551	166	781519	38.701	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	230976	43.510	ng	#	82
60) Diethylphthalate	10.422	149	840624	38.027	ng		97
61) 4-Chlorophenyl-phenyle...	10.539	204	383414	38.017	ng		90
62) 4-Nitroaniline	10.575	138	197137	46.233	ng	#	76
63) Azobenzene	10.704	77	1168861	35.729	ng		92
65) 4,6-Dinitro-2-methylph...	10.592	198	128269	49.601	ng		90
66) n-Nitrosodiphenylamine	10.663	169	688536	37.905	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	243136	39.203	ng		95
68) Hexachlorobenzene	11.098	284	272548	41.189	ng	#	89
69) Atrazine	11.186	200	239932	41.358	ng		93
70) Pentachlorophenol	11.292	266	306200	79.578	ng		99
71) Phenanthrene	11.522	178	1181620	38.434	ng		99
72) Anthracene	11.575	178	1209155	39.199	ng		100
73) Carbazole	11.722	167	1074987	37.119	ng		99
74) Di-n-butylphthalate	12.045	149	1280197	36.658	ng	#	98
75) Fluoranthene	12.710	202	1180768	38.883	ng		98
77) Benzidine	12.827	184	400917	32.510	ng		98
78) Pyrene	12.945	202	1187284	41.071	ng		99
80) Butylbenzylphthalate	13.557	149	506314	40.314	ng	#	96
81) Benzo(a)anthracene	14.133	228	980193	40.341	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	140415	17.592	ng	#	97
83) Chrysene	14.169	228	911273	38.978	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	679765	39.965	ng	#	99
85) Di-n-octyl phthalate	14.727	149	957049	36.751	ng		95
87) Indeno(1,2,3-cd)pyrene	17.221	276	663282	43.334	ng	#	90
88) Benzo(b)fluoranthene	15.210	252	696242	42.381	ng	#	94
89) Benzo(k)fluoranthene	15.239	252	695571	43.122	ng	#	96
90) Benzo(a)pyrene	15.598	252	638018	47.732	ng	#	93
91) Dibenzo(a,h)anthracene	17.245	278	573188	45.203	ng	#	93
92) Benzo(g,h,i)perylene	17.698	276	580517	46.689	ng	#	91

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

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