Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126021.D
Acq On : 3 Nov 2021 15:36
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 03 16:18:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 16:12:24 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	202599	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	670908	20.00	ng	#	0.00
39) Acenaphthene-d10	9.892	164	391566	20.00	ng		0.00
64) Phenanthrene-d10	11.374	188	726481	20.00	ng		0.00
76) Chrysene-d12	14.015	240	457334	20.00	ng	#	0.00
86) Perylene-d12	15.468	264	345045	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1691453	118.45	ng		0.01
7) Phenol-d6	6.498	99	2361321	127.20	ng		0.01
23) Nitrobenzene-d5	7.434	82	2364010	172.61	ng		0.01
42) 2,4,6-Tribromophenol	10.686	330	773472	205.36	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	4131811	186.10	ng		0.00
79) Terphenyl-d14	12.969	244	4427517	180.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	337843	52.75	ng	#	100
3) Pyridine	3.387	79	921416	52.49	ng		96
4) n-Nitrosodimethylamine	3.357	42	662545	74.17	ng	#	93
6) Aniline	6.534	93	1301919	57.07	ng	#	87
8) 2-Chlorophenol	6.651	128	910318	65.05	ng		82
10) Phenol	6.510	94	1218497	59.32	ng	#	58
11) bis(2-Chloroethyl)ether	6.604	93	851594	56.90	ng		87
12) 1,3-Dichlorobenzene	6.804	146	1025491	67.91	ng	#	95
13) 1,4-Dichlorobenzene	6.875	146	1039321	68.89	ng		94
14) 1,2-Dichlorobenzene	7.034	146	986079	66.91	ng		95
15) Benzyl Alcohol	7.010	79	1038162	74.72	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1536213	52.86	ng		94
17) 2-Methylphenol	7.110	107	764418	61.97	ng	#	88
18) Hexachloroethane	7.375	117	403842	71.23	ng	#	81
19) n-Nitroso-di-n-propyla...	7.292	70	782728	71.24	ng	#	83
20) 3+4-Methylphenols	7.275	107	1036035	63.28	ng	#	74
22) Acetophenone	7.281	105	1438583	84.96	ng	#	88
24) Nitrobenzene	7.451	77	1123286	82.78	ng	#	83
25) Isophorone	7.692	82	1892057	75.47	ng	#	87
26) 2-Nitrophenol	7.757	139	419534	74.36	ng	#	55
27) 2,4-Dimethylphenol	7.798	122	706480	73.66	ng	#	78
28) bis(2-Chloroethoxy)met...	7.892	93	1127401	70.39	ng	#	97
29) 2,4-Dichlorophenol	8.004	162	818503	85.34	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	965410	87.84	ng		99
31) Naphthalene	8.169	128	2541072	76.06	ng		99
32) Benzoic acid	7.963	122	504464	72.04	ng	#	64
33) 4-Chloroaniline	8.210	127	987671	68.22	ng	#	87
34) Hexachlorobutadiene	8.281	225	673167	101.31	ng		99
35) Caprolactam	8.622	113	246640m	73.64	ng		
36) 4-Chloro-3-methylphenol	8.698	107	913883	80.78	ng	#	85
37) 2-Methylnaphthalene	8.857	142	1783166	81.19	ng		99
38) 1-Methylnaphthalene	8.957	142	1719850	80.35	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	1007776	93.07	ng		98
41) Hexachlorocyclopentadiene	9.010	237	610660	108.60	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	652269	85.91	ng		98
44) 2,4,5-Trichlorophenol	9.175	196	688832	86.71	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.322	154	2209360	74.91	ng		93
47) 2-Chloronaphthalene	9.345	162	1777562	83.56	ng		98
48) 2-Nitroaniline	9.439	65	636932	73.04	ng	#	70
49) Acenaphthylene	9.763	152	2644091	81.99	ng		97
50) Dimethylphthalate	9.628	163	2129420	87.30	ng		98
51) 2,6-Dinitrotoluene	9.686	165	424620	79.61	ng	#	72
52) Acenaphthene	9.933	154	1765492	81.24	ng		98
53) 3-Nitroaniline	9.857	138	423013	67.86	ng	#	66
54) 2,4-Dinitrophenol	9.957	184	203804	86.66	ng		92
55) Dibenzofuran	10.104	168	2498205	76.30	ng		96
56) 4-Nitrophenol	10.010	139	331928	67.47	ng	#	45
57) 2,4-Dinitrotoluene	10.086	165	579763	83.48	ng	#	80
58) Fluorene	10.445	166	2050917	86.06	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	610211	90.67	ng	#	87
60) Diethylphthalate	10.322	149	2121448	86.14	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	1120077	99.83	ng	#	86
62) 4-Nitroaniline	10.475	138	435567	73.62	ng	#	80
63) Azobenzene	10.598	77	2234152	78.42	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	307377	78.26	ng		93
66) n-Nitrosodiphenylamine	10.557	169	1757933	80.29	ng		95
67) 4-Bromophenyl-phenylether	10.927	248	686599	86.55	ng		96
68) Hexachlorobenzene	10.992	284	717048	85.78	ng	#	90
69) Atrazine	11.086	200	573778	80.43	ng		93
70) Pentachlorophenol	11.180	266	428615	89.94	ng		96
71) Phenanthrene	11.404	178	2867985	74.70	ng		95
72) Anthracene	11.457	178	2796693	75.45	ng		96
73) Carbazole	11.610	167	2560383	71.28	ng		98
74) Di-n-butylphthalate	11.939	149	3030341	77.31	ng	#	96
75) Fluoranthene	12.592	202	2949331	73.30	ng		95
77) Benzidine	12.710	184	876793	50.75	ng		98
78) Pyrene	12.821	202	2971542	80.03	ng	#	93
80) Butylbenzylphthalate	13.439	149	1157610	76.58	ng	#	88
81) Benzo(a)anthracene	14.004	228	2344613	80.12	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	634220	59.34	ng	#	98
83) Chrysene	14.045	228	2155376	71.21	ng		96
84) Bis(2-ethylhexyl)phtha...	13.998	149	1500903	85.15	ng	#	99
85) Di-n-octyl phthalate	14.610	149	2022995	65.65	ng		97
87) Indeno(1,2,3-cd)pyrene	16.939	276	1775673	84.00	ng	#	84
88) Benzo(b)fluoranthene	15.051	252	1619472	70.29	ng	#	93
89) Benzo(k)fluoranthene	15.086	252	1641107m	73.27	ng		
90) Benzo(a)pyrene	15.415	252	1346155	72.45	ng	#	94
91) Dibenzo(a,h)anthracene	16.962	278	1469273	85.27	ng	#	91
92) Benzo(g,h,i)perylene	17.386	276	1430632	82.85	ng	#	83

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

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