Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
Data File : BF124436.D
Acq On : 23 Jun 2021 17:52
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:06 AM

Quant Time: Jun 23 18:19:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 18:03:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	30075	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	96402	20.000	ng	#	0.00
39) Acenaphthene-d10	9.763	164	53410	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	91004	20.000	ng	#	0.00
76) Chrysene-d12	13.898	240	64408	20.000	ng		0.00
86) Perylene-d12	15.339	264	72443	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	325397	162.871	ng		0.00
7) Phenol-d6	6.386	99	407693	151.815	ng		0.01
23) Nitrobenzene-d5	7.298	82	403138	165.857	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	111218	146.979	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	753470	177.521	ng		0.00
79) Terphenyl-d14	12.839	244	680686	145.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.357	88	69661	79.673	ng		89
3) Pyridine	3.075	79	152322	68.024	ng	#	80
4) n-Nitrosodimethylamine	3.051	42	80253	60.316	ng		81
6) Aniline	6.392	93	230227	75.058	ng	#	16
8) 2-Chlorophenol	6.516	128	172287	77.499	ng		95
9) Benzaldehyde	6.275	77	80679	67.588	ng		91
10) Phenol	6.398	94	215254	74.169	ng	#	68
11) bis(2-Chloroethyl)ether	6.469	93	159597	75.434	ng		91
12) 1,3-Dichlorobenzene	6.663	146	212527m	81.777	ng		
13) 1,4-Dichlorobenzene	6.739	146	216310	82.978	ng		95
14) 1,2-Dichlorobenzene	6.892	146	199484	79.994	ng		100
15) Benzyl Alcohol	6.881	79	173470	71.655	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.004	45	204008	61.810	ng	#	47
17) 2-Methylphenol	6.998	107	134353	74.345	ng	#	80
18) Hexachloroethane	7.228	117	78781	76.741	ng	#	88
19) n-Nitroso-di-n-propyla...	7.151	70	130632	68.909	ng	#	81
20) 3+4-Methylphenols	7.151	107	178697	74.627	ng	#	85
22) Acetophenone	7.145	105	234227	85.230	ng	#	94
24) Nitrobenzene	7.316	77	198977	81.602	ng		99
25) Isophorone	7.557	82	334625	76.398	ng	#	93
26) 2-Nitrophenol	7.628	139	101193	92.903	ng		90
27) 2,4-Dimethylphenol	7.675	122	128372	83.579	ng		93
28) bis(2-Chloroethoxy)met...	7.763	93	175783	80.952	ng		99
29) 2,4-Dichlorophenol	7.875	162	153366	86.294	ng		91
30) 1,2,4-Trichlorobenzene	7.951	180	174023	87.373	ng		98
31) Naphthalene	8.028	128	485202	84.184	ng		98
32) Benzoic acid	7.845	122	77831	82.581	ng		94
33) 4-Chloroaniline	8.086	127	177235	82.675	ng		96
34) Hexachlorobutadiene	8.145	225	115755	82.280	ng		97
35) Caprolactam	8.486	113	34308m	70.267	ng		
36) 4-Chloro-3-methylphenol	8.580	107	148110	76.171	ng	#	86
37) 2-Methylnaphthalene	8.722	142	337694	83.550	ng		95
38) 1-Methylnaphthalene	8.816	142	318123	84.226	ng		93
40) 1,2,4,5-Tetrachloroben...	8.886	216	166482	87.977	ng	#	97
41) Hexachlorocyclopentadiene	8.869	237	21365	25.467	ng		93
43) 2,4,6-Trichlorophenol	9.010	196	101761	82.452	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	108706	82.048	ng	#	90
46) 1,1'-Biphenyl	9.186	154	397102	88.076	ng		97
47) 2-Chloronaphthalene	9.210	162	324369	88.388	ng		96
48) 2-Nitroaniline	9.316	65	105680	79.797	ng		96
49) Acenaphthylene	9.627	152	456918	85.655	ng		99
50) Dimethylphthalate	9.498	163	359060	81.256	ng		99
51) 2,6-Dinitrotoluene	9.563	165	81021	79.966	ng	#	82
52) Acenaphthene	9.798	154	294203	84.442	ng		98
53) 3-Nitroaniline	9.733	138	75725	79.856	ng		98
54) 2,4-Dinitrophenol	9.851	184	32529	76.226	ng	#	80
55) Dibenzofuran	9.969	168	463989	85.089	ng		99
56) 4-Nitrophenol	9.916	139	39870	58.832	ng		96
57) 2,4-Dinitrotoluene	9.975	165	108646	81.308	ng	#	89
58) Fluorene	10.316	166	355818	85.007	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.098	232	78475	73.092	ng	#	94
60) Diethylphthalate	10.192	149	344838	77.326	ng		96
61) 4-Chlorophenyl-phenyle...	10.304	204	175854	82.166	ng		98
62) 4-Nitroaniline	10.357	138	66844	70.107	ng		85
63) Azobenzene	10.469	77	349644	75.215	ng		92
65) 4,6-Dinitro-2-methylph...	10.386	198	59655	81.570	ng	#	61
66) n-Nitrosodiphenylamine	10.433	169	304607	88.094	ng		97
67) 4-Bromophenyl-phenylether	10.792	248	105534	84.488	ng		93
68) Hexachlorobenzene	10.863	284	114295	80.787	ng		95
69) Atrazine	10.963	200	67352	68.810	ng		96
70) Pentachlorophenol	11.069	266	26850	40.526	ng		90
71) Phenanthrene	11.274	178	489216	86.056	ng		98
72) Anthracene	11.327	178	474086	82.806	ng		98
73) Carbazole	11.492	167	417096	83.600	ng		97
74) Di-n-butylphthalate	11.816	149	498268	77.710	ng		99
75) Fluoranthene	12.468	202	467275	78.306	ng		97
77) Benzidine	12.592	184	95141	68.799	ng	#	94
78) Pyrene	12.698	202	466412	75.412	ng		96
80) Butylbenzylphthalate	13.315	149	187471	74.721	ng		95
81) Benzo(a)anthracene	13.892	228	406301	86.593	ng		95
82) 3,3'-Dichlorobenzidine	13.851	252	121239	88.077	ng		97
83) Chrysene	13.927	228	395366	87.336	ng		97
84) Bis(2-ethylhexyl)phtha...	13.874	149	262296	87.887	ng		97
85) Di-n-octyl phthalate	14.492	149	460080	115.510	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.780	276	533473	101.711	ng		97
88) Benzo(b)fluoranthene	14.927	252	471038	83.704	ng		97
89) Benzo(k)fluoranthene	14.962	252	404376m	75.906	ng		
90) Benzo(a)pyrene	15.286	252	425953	87.145	ng		100
91) Dibenzo(a,h)anthracene	16.780	278	452948	99.865	ng	#	95
92) Benzo(g,h,i)perylene	17.203	276	448743	100.305	ng		99

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

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