Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
Data File : BF124431.D
Acq On : 23 Jun 2021 15:10
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:45 AM

Quant Time: Jun 23 18:05:37 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	6.716	152	33454	20.000	ng		0.00
21) Naphthalene-d8	7.998	136	123952	20.000	ng	#	0.00
39) Acenaphthene-d10	9.757	164	73408	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	132915	20.000	ng	#	0.00
76) Chrysene-d12	13.892	240	94297	20.000	ng		0.00
86) Perylene-d12	15.333	264	78293	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	39627	17.831	ng		0.00
7) Phenol-d6	6.363	99	57077	19.107	ng		-0.01
23) Nitrobenzene-d5	7.281	82	56751	18.159	ng		-0.01
42) 2,4,6-Tribromophenol	10.551	330	16819	16.172	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	111461	19.107	ng		0.00
79) Terphenyl-d14	12.833	244	121798	17.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	8622	8.865	ng		92
3) Pyridine	3.110	79	19443m	7.806	ng		
4) n-Nitrosodimethylamine	3.034	42	10984	7.421	ng		95
6) Aniline	6.381	93	30700	8.998	ng	#	28
8) 2-Chlorophenol	6.510	128	24445	9.885	ng		86
9) Benzaldehyde	6.275	77	14915	11.233	ng		96
10) Phenol	6.381	94	30949	9.587	ng	#	26
11) bis(2-Chloroethyl)ether	6.451	93	22425	9.529	ng		95
12) 1,3-Dichlorobenzene	6.657	146	30156m	10.432	ng		
13) 1,4-Dichlorobenzene	6.734	146	29538	10.187	ng		95
14) 1,2-Dichlorobenzene	6.887	146	28466	10.262	ng		96
15) Benzyl Alcohol	6.869	79	24875	9.237	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	6.992	45	28762	7.834	ng	#	19
17) 2-Methylphenol	6.987	107	18489	9.198	ng	#	89
18) Hexachloroethane	7.222	117	10844	9.496	ng		85
19) n-Nitroso-di-n-propyla...	7.128	70	18402	8.727	ng		91
20) 3+4-Methylphenols	7.140	107	25274	9.489	ng	#	81
22) Acetophenone	7.128	105	31614	8.947	ng	#	92
24) Nitrobenzene	7.304	77	29047	9.265	ng		98
25) Isophorone	7.540	82	48989	8.699	ng	#	94
26) 2-Nitrophenol	7.622	139	13473	9.620	ng		86
27) 2,4-Dimethylphenol	7.663	122	18618	9.427	ng		94
28) bis(2-Chloroethoxy)met...	7.751	93	24995	8.952	ng		99
29) 2,4-Dichlorophenol	7.875	162	22563	9.874	ng		92
30) 1,2,4-Trichlorobenzene	7.945	180	25187	9.835	ng		89
31) Naphthalene	8.022	128	70564	9.522	ng		99
32) Benzoic acid	7.775	122	6262	5.167	ng	#	73
33) 4-Chloroaniline	8.081	127	25566	9.275	ng		92
34) Hexachlorobutadiene	8.139	225	16664	9.212	ng		90
35) Caprolactam	8.422	113	6262	9.975	ng	#	39
36) 4-Chloro-3-methylphenol	8.575	107	22003	8.801	ng	#	82
37) 2-Methylnaphthalene	8.716	142	49307	9.488	ng		98
38) 1-Methylnaphthalene	8.810	142	46817	9.640	ng		96
40) 1,2,4,5-Tetrachloroben...	8.881	216	23413	9.002	ng	#	93
43) 2,4,6-Trichlorophenol	9.004	196	15065	8.881	ng		95
44) 2,4,5-Trichlorophenol	9.051	196	16017	8.796	ng	#	85

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.181	154	60028	9.687	ng		98
47)	2-Chloronaphthalene	9.204	162	49053	9.725	ng		92
48)	2-Nitroaniline	9.310	65	15381	8.450	ng		91
49)	Acenaphthylene	9.616	152	70481	9.613	ng		98
50)	Dimethylphthalate	9.481	163	54507	8.975	ng		97
51)	2,6-Dinitrotoluene	9.551	165	12279	8.818	ng		92
52)	Acenaphthene	9.792	154	45345	9.469	ng		89
53)	3-Nitroaniline	9.722	138	11017	8.453	ng		94
54)	2,4-Dinitrophenol	9.851	184	1865m	3.180	ng		
55)	Dibenzofuran	9.963	168	71275	9.510	ng		99
56)	4-Nitrophenol	9.916	139	4791	5.144	ng	#	80
57)	2,4-Dinitrotoluene	9.963	165	16356	8.906	ng	#	87
58)	Fluorene	10.304	166	54133	9.410	ng		86
59)	2,3,4,6-Tetrachlorophenol	10.092	232	12415	8.413	ng	#	86
60)	Diethylphthalate	10.181	149	58653	9.569	ng		96
61)	4-Chlorophenyl-phenyle...	10.298	204	27031	9.189	ng		93
62)	4-Nitroaniline	10.333	138	11183	8.534	ng	#	86
63)	Azobenzene	10.457	77	56435	8.833	ng		98
65)	4,6-Dinitro-2-methylph...	10.375	198	7715	7.223	ng	#	64
66)	n-Nitrosodiphenylamine	10.416	169	48680	9.639	ng		97
67)	4-Bromophenyl-phenylether	10.786	248	17593	9.643	ng	#	89
68)	Hexachlorobenzene	10.857	284	18705	9.052	ng		94
69)	Atrazine	10.951	200	13662	9.557	ng		96
70)	Pentachlorophenol	11.063	266	2855	2.950	ng	#	88
71)	Phenanthrene	11.269	178	80353	9.678	ng		96
72)	Anthracene	11.322	178	79389	9.494	ng		96
73)	Carbazole	11.480	167	73257	10.053	ng		99
74)	Di-n-butylphthalate	11.810	149	85361	9.115	ng		98
75)	Fluoranthene	12.463	202	85864	9.852	ng		96
77)	Benzidine	12.604	184	17595	8.691	ng	#	88
78)	Pyrene	12.692	202	86114	9.510	ng		96
80)	Butylbenzylphthalate	13.310	149	33249	9.052	ng		86
81)	Benzo(a)anthracene	13.886	228	65746	9.571	ng		98
82)	3,3'-Dichlorobenzidine	13.845	252	22208	11.020	ng	#	97
83)	Chrysene	13.921	228	66318	10.006	ng		95
84)	Bis(2-ethylhexyl)phtha...	13.874	149	43744	10.011	ng	#	96
85)	Di-n-octyl phthalate	14.486	149	65105	11.165	ng	#	87
87)	Indeno(1,2,3-cd)pyrene	16.757	276	52770	9.309	ng		95
88)	Benzo(b)fluoranthene	14.921	252	55348	9.100	ng		99
89)	Benzo(k)fluoranthene	14.951	252	56182	9.758	ng		94
90)	Benzo(a)pyrene	15.274	252	50578	9.575	ng	#	91
91)	Dibenzo(a,h)anthracene	16.762	278	46335	9.453	ng		94
92)	Benzo(g,h,i)perylene	17.180	276	44659	9.236	ng		95

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

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