Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125071.D
Acq On : 17 Aug 2021 14:42
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/18/2021 4:31:05 PM

Quant Time: Aug 17 15:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 17 14:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	188237	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	676396	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	313826	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	548896	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	308104	20.000	ng	0.00
86) Perylene-d12	15.580	264	230951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1252918	109.034	ng	0.00
7) Phenol-d6	6.551	99	1559576	107.635	ng	0.01
23) Nitrobenzene-d5	7.492	82	1423099	110.063	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	356312	127.086	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	342742	79.726	ng	# 100
3) Pyridine	3.516	79	958906	95.992	ng	90
4) n-Nitrosodimethylamine	3.487	42	520891	73.429	ng	# 50
6) Aniline	6.592	93	1050591	68.641	ng	# 92
8) 2-Chlorophenol	6.710	128	639915	50.767	ng	# 80
9) Benzaldehyde	6.475	77	539956	68.496	ng	94
10) Phenol	6.563	94	814312	54.468	ng	93
11) bis(2-Chloroethyl)ether	6.663	93	657931	58.662	ng	# 80
12) 1,3-Dichlorobenzene	6.869	146	677692	49.397	ng	98
13) 1,4-Dichlorobenzene	6.939	146	677545	49.402	ng	93
14) 1,2-Dichlorobenzene	7.098	146	608136	47.315	ng	95
15) Benzyl Alcohol	7.063	79	662010	63.340	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1530180	85.158	ng	98
17) 2-Methylphenol	7.169	107	592674	62.815	ng	97
18) Hexachloroethane	7.439	117	265797	49.501	ng	95
19) n-Nitroso-di-n-propyla...	7.345	70	518174	60.271	ng	# 84
20) 3+4-Methylphenols	7.328	107	666169	53.187	ng	93
22) Acetophenone	7.339	105	887796	53.593	ng	95
24) Nitrobenzene	7.510	77	782366	62.532	ng	# 87
25) Isophorone	7.751	82	1465650	66.415	ng	# 90
26) 2-Nitrophenol	7.822	139	331834	52.230	ng	# 78
27) 2,4-Dimethylphenol	7.851	122	560207	62.202	ng	89
28) bis(2-Chloroethoxy)met...	7.957	93	754685	60.087	ng	98
29) 2,4-Dichlorophenol	8.057	162	530412	52.861	ng	92
30) 1,2,4-Trichlorobenzene	8.145	180	538428	47.882	ng	97
31) Naphthalene	8.233	128	1729372	49.763	ng	99
32) Benzoic acid	7.986	122	465288	99.952	ng	87
33) 4-Chloroaniline	8.275	127	719169	55.532	ng	# 89
34) Hexachlorobutadiene	8.345	225	308953	46.008	ng	97
35) Caprolactam	8.663	113	188152m	70.613	ng	
36) 4-Chloro-3-methylphenol	8.751	107	622373	59.295	ng	88
37) 2-Methylnaphthalene	8.922	142	1161606	49.714	ng	97
38) 1-Methylnaphthalene	9.022	142	1092947	49.990	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	463150	51.416	ng	98
41) Hexachlorocyclopentadiene	9.075	237	258910	118.346	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	358339	59.758	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	373699	61.563	ng		92
46) 1,1'-Biphenyl	9.386	154	1335439	57.104	ng		97
47) 2-Chloronaphthalene	9.410	162	1025342	55.109	ng		98
48) 2-Nitroaniline	9.504	65	416063	76.126	ng	#	81
49) Acenaphthylene	9.828	152	1696177	60.017	ng		98
50) Dimethylphthalate	9.686	163	1159449	54.520	ng		97
51) 2,6-Dinitrotoluene	9.745	165	267795	56.550	ng	#	66
52) Acenaphthene	9.998	154	1043636	60.912	ng		98
53) 3-Nitroaniline	9.916	138	332851	66.733	ng	#	78
54) 2,4-Dinitrophenol	10.016	184	124077	60.036	ng	#	81
55) Dibenzofuran	10.169	168	1481294	55.321	ng		100
56) 4-Nitrophenol	10.063	139	274089	83.364	ng	#	74
57) 2,4-Dinitrotoluene	10.151	165	340946	53.029	ng	#	94
58) Fluorene	10.516	166	1080261	52.615	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.280	232	287976	63.231	ng	#	97
60) Diethylphthalate	10.386	149	1250101	57.280	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	483262	49.843	ng		93
62) 4-Nitroaniline	10.533	138	312495	64.530	ng	#	84
63) Azobenzene	10.669	77	1378626	64.597	ng		93
65) 4,6-Dinitro-2-methylph...	10.557	198	164799	47.925	ng		86
66) n-Nitrosodiphenylamine	10.627	169	993932	55.869	ng		95
67) 4-Bromophenyl-phenylether	10.992	248	306296	50.947	ng		91
68) Hexachlorobenzene	11.057	284	345883	52.882	ng		92
69) Atrazine	11.151	200	281172	52.597	ng		95
70) Pentachlorophenol	11.251	266	228501	81.729	ng		93
71) Phenanthrene	11.474	178	1518508	50.999	ng		96
72) Anthracene	11.527	178	1519037	50.855	ng		98
73) Carbazole	11.680	167	1570080	57.318	ng		99
74) Di-n-butylphthalate	12.010	149	1797875	51.643	ng		99
75) Fluoranthene	12.663	202	1570771	50.994	ng		96
77) Benzidine	12.780	184	645552	78.307	ng		98
78) Pyrene	12.892	202	1610058	66.344	ng		99
80) Butylbenzylphthalate	13.510	149	700239	64.837	ng		94
81) Benzo(a)anthracene	14.080	228	1100177	54.795	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	357183	67.477	ng		98
83) Chrysene	14.121	228	1109784	57.177	ng		98
84) Bis(2-ethylhexyl)phtha...	14.068	149	841495	56.167	ng		100
85) Di-n-octyl phthalate	14.686	149	1382391	58.486	ng		97
88) Benzo(b)fluoranthene	15.145	252	881125	54.335	ng		97
89) Benzo(k)fluoranthene	15.180	252	877230	59.466	ng		99
90) Benzo(a)pyrene	15.521	252	786471	56.954	ng		99
92) Benzo(g,h,i)perylene	17.551	276	547633	47.212	ng		95

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

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