Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124665.D
Acq On : 21 Jul 2021 16:53
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:55 PM

Quant Time: Jul 21 17:22:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	7027	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	26480	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	14339	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	23869	20.000	ng		0.00
76) Chrysene-d12	14.057	240	14232	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	12805	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	31487	77.634	ng		0.00
7) Phenol-d6	6.516	99	39511	80.081	ng		0.00
23) Nitrobenzene-d5	7.457	82	33783	80.537	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	9043	81.042	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	75039	76.313	ng		0.00
79) Terphenyl-d14	13.004	244	70172	82.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	5861	43.260	ng	#	100
3) Pyridine	3.463	79	14068	41.346	ng		95
4) n-Nitrosodimethylamine	3.422	42	10784m	38.995	ng		
6) Aniline	6.557	93	19834	38.152	ng		98
8) 2-Chlorophenol	6.681	128	18332	40.317	ng		96
9) Benzaldehyde	6.445	77	10007	34.572	ng		92
10) Phenol	6.528	94	19306	40.078	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	15064	40.337	ng		98
12) 1,3-Dichlorobenzene	6.834	146	19393	38.968	ng		98
13) 1,4-Dichlorobenzene	6.910	146	20028	39.401	ng		96
14) 1,2-Dichlorobenzene	7.063	146	18836	38.992	ng		96
15) Benzyl Alcohol	7.034	79	13698	40.124	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	26250	40.781	ng		98
17) 2-Methylphenol	7.134	107	13509	40.589	ng		97
18) Hexachloroethane	7.404	117	7737	40.420	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	10787	38.887	ng		96
20) 3+4-Methylphenols	7.292	107	17812	40.649	ng		88
22) Acetophenone	7.304	105	23559	39.202	ng		98
24) Nitrobenzene	7.475	77	16458	39.568	ng		98
25) Isophorone	7.716	82	29824	38.730	ng		97
26) 2-Nitrophenol	7.786	139	9490	42.296	ng		92
27) 2,4-Dimethylphenol	7.822	122	14907	40.095	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	17147	38.174	ng	#	92
29) 2,4-Dichlorophenol	8.028	162	15109	39.399	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	16510	38.903	ng		98
31) Naphthalene	8.198	128	52072	38.020	ng		98
32) Benzoic acid	7.939	122	10524	38.448	ng		93
33) 4-Chloroaniline	8.245	127	18860	36.441	ng		96
34) Hexachlorobutadiene	8.316	225	9540	39.826	ng		96
35) Caprolactam	8.622	113	3864	39.835	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	14617	38.545	ng		95
37) 2-Methylnaphthalene	8.886	142	34784	37.637	ng		98
38) 1-Methylnaphthalene	8.986	142	32934	37.944	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	14973	39.151	ng		98
41) Hexachlorocyclopentadiene	9.039	237	9625	40.289	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	11047	40.011	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	10978	38.552	ng		99
46) 1,1'-Biphenyl	9.351	154	41409	38.024	ng		98
47) 2-Chloronaphthalene	9.380	162	32446	38.000	ng		98
48) 2-Nitroaniline	9.469	65	8465	41.227	ng		92
49) Acenaphthylene	9.792	152	50806	38.130	ng		98
50) Dimethylphthalate	9.651	163	37044	37.132	ng		100
51) 2,6-Dinitrotoluene	9.716	165	8507	43.255	ng		98
52) Acenaphthene	9.969	154	32774	38.468	ng		98
53) 3-Nitroaniline	9.880	138	8334	37.975	ng		92
54) 2,4-Dinitrophenol	9.986	184	4378	42.661	ng	#	81
55) Dibenzofuran	10.139	168	45948	36.680	ng		97
56) 4-Nitrophenol	10.027	139	6791	37.179	ng		93
57) 2,4-Dinitrotoluene	10.116	165	11025	40.948	ng	#	88
58) Fluorene	10.480	166	35479	36.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	8944	40.670	ng	#	96
60) Diethylphthalate	10.351	149	37862	36.298	ng		97
61) 4-Chlorophenyl-phenyle...	10.475	204	16731	38.041	ng		88
62) 4-Nitroaniline	10.498	138	8655	39.130	ng	#	81
63) Azobenzene	10.633	77	33809	37.080	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	5931	43.498	ng		91
66) n-Nitrosodiphenylamine	10.592	169	30451	39.180	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	10189	41.282	ng		96
68) Hexachlorobenzene	11.027	284	10405	41.147	ng		97
69) Atrazine	11.116	200	10579	44.444	ng		94
70) Pentachlorophenol	11.216	266	6609	41.319	ng		93
71) Phenanthrene	11.445	178	49152	37.745	ng		99
72) Anthracene	11.498	178	49997	38.271	ng		98
73) Carbazole	11.645	167	45344	37.563	ng		100
74) Di-n-butylphthalate	11.974	149	59017	36.293	ng		99
75) Fluoranthene	12.633	202	47748	36.342	ng		97
77) Benzidine	12.751	184	19450	36.557	ng		98
78) Pyrene	12.863	202	48531	41.043	ng		96
80) Butylbenzylphthalate	13.474	149	21246	37.162	ng		97
81) Benzo(a)anthracene	14.045	228	35910	38.045	ng		96
82) 3,3'-Dichlorobenzidine	14.010	252	9896	40.026	ng	#	96
83) Chrysene	14.086	228	35219	38.951	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	29593	38.554	ng		100
85) Di-n-octyl phthalate	14.645	149	44377	39.954	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	38160	51.384	ng		97
88) Benzo(b)fluoranthene	15.098	252	32847	35.738	ng		99
89) Benzo(k)fluoranthene	15.133	252	29031	34.426	ng		98
90) Benzo(a)pyrene	15.474	252	28634	37.742	ng		96
91) Dibenzo(a,h)anthracene	17.045	278	32766	51.835	ng		95
92) Benzo(g,h,i)perylene	17.480	276	32071	51.966	ng	#	93

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

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