Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124797.D
Acq On : 27 Jul 2021 16:49
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:35 AM

Quant Time: Jul 27 18:34:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	7368	20.000	ng	# 0.00
21) Naphthalene-d8	8.157	136	27301	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	14988	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	25602	20.000	ng	0.00
76) Chrysene-d12	14.039	240	16691	20.000	ng	0.00
86) Perylene-d12	15.510	264	12285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34786	79.938	ng	0.00
7) Phenol-d6	6.504	99	44906	82.314	ng	0.00
23) Nitrobenzene-d5	7.439	82	40586	88.480	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	10808	83.987	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	83000	81.336	ng	0.00
79) Terphenyl-d14	12.986	244	81024	83.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	6193	40.713	ng	# 100
3) Pyridine	3.428	79	15729	43.681	ng	92
4) n-Nitrosodimethylamine	3.381	42	11643	40.886	ng	95
6) Aniline	6.540	93	23354	41.654	ng	97
8) 2-Chlorophenol	6.663	128	19368	39.461	ng	95
9) Benzaldehyde	6.428	77	11768	40.066	ng	96
10) Phenol	6.516	94	23004	44.033	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	17594	42.475	ng	99
12) 1,3-Dichlorobenzene	6.816	146	21055	39.469	ng	97
13) 1,4-Dichlorobenzene	6.892	146	21111	39.558	ng	98
14) 1,2-Dichlorobenzene	7.045	146	20233m	39.239	ng	
15) Benzyl Alcohol	7.016	79	15702	43.769	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	27940	40.076	ng	95
17) 2-Methylphenol	7.122	107	14535	40.650	ng	97
18) Hexachloroethane	7.387	117	8142	40.251	ng	# 83
19) n-Nitroso-di-n-propyla...	7.292	70	12845	44.094	ng	# 97
20) 3+4-Methylphenols	7.275	107	19097	40.423	ng	94
22) Acetophenone	7.287	105	26868	42.468	ng	98
24) Nitrobenzene	7.457	77	19441	43.230	ng	94
25) Isophorone	7.698	82	35216	43.418	ng	# 92
26) 2-Nitrophenol	7.775	139	10462	42.002	ng	# 87
27) 2,4-Dimethylphenol	7.804	122	14684	38.312	ng	89
28) bis(2-Chloroethoxy)met...	7.904	93	20225	42.910	ng	96
29) 2,4-Dichlorophenol	8.010	162	16240	40.008	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	18212	40.936	ng	99
31) Naphthalene	8.181	128	56547	39.689	ng	99
32) Benzoic acid	7.928	122	10635	35.849	ng	91
33) 4-Chloroaniline	8.228	127	21419	39.979	ng	96
34) Hexachlorobutadiene	8.292	225	11239	42.262	ng	94
35) Caprolactam	8.604	113	4229	40.085	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	17388	44.910	ng	88
37) 2-Methylnaphthalene	8.869	142	37499	39.391	ng	98
38) 1-Methylnaphthalene	8.969	142	34797	38.584	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	17238	41.221	ng	98
41) Hexachlorocyclopentadiene	9.022	237	9540	38.559	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	11798	39.742	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	13102	42.983	ng	#	93
46) 1,1'-Biphenyl	9.333	154	44644	39.904	ng		99
47) 2-Chloronaphthalene	9.363	162	35163	39.703	ng		99
48) 2-Nitroaniline	9.457	65	10246	44.182	ng		99
49) Acenaphthylene	9.775	152	53961	39.508	ng		99
50) Dimethylphthalate	9.633	163	40925	39.655	ng	#	94
51) 2,6-Dinitrotoluene	9.698	165	8979	39.382	ng		90
52) Acenaphthene	9.951	154	35130	38.800	ng		99
53) 3-Nitroaniline	9.869	138	9090	37.896	ng		89
54) 2,4-Dinitrophenol	9.969	184	4541	34.443	ng	#	87
55) Dibenzofuran	10.122	168	50774	39.244	ng		99
56) 4-Nitrophenol	10.022	139	7327	38.682	ng		92
57) 2,4-Dinitrotoluene	10.104	165	11663	37.695	ng	#	90
58) Fluorene	10.463	166	38654	38.946	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	9544	39.646	ng	#	93
60) Diethylphthalate	10.333	149	41676	38.834	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	18293	38.127	ng		97
62) 4-Nitroaniline	10.480	138	9026	38.029	ng		94
63) Azobenzene	10.616	77	39572	41.680	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	6774	40.856	ng		83
66) n-Nitrosodiphenylamine	10.575	169	32820	39.558	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	11013	40.560	ng		93
68) Hexachlorobenzene	11.010	284	11504	40.795	ng		96
69) Atrazine	11.098	200	10323	40.924	ng		96
70) Pentachlorophenol	11.204	266	6574	37.490	ng		94
71) Phenanthrene	11.427	178	54273	39.414	ng		98
72) Anthracene	11.480	178	55230	40.121	ng		98
73) Carbazole	11.633	167	49524	38.380	ng		99
74) Di-n-butylphthalate	11.957	149	66195	38.514	ng		98
75) Fluoranthene	12.616	202	54665	38.903	ng		99
77) Benzidine	12.733	184	19361	41.135	ng		98
78) Pyrene	12.845	202	54521	41.261	ng		98
80) Butylbenzylphthalate	13.457	149	25381	40.103	ng		98
81) Benzo(a)anthracene	14.027	228	42741	39.175	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	11448	37.809	ng		93
83) Chrysene	14.068	228	41686	39.659	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	35247	37.810	ng		98
85) Di-n-octyl phthalate	14.627	149	53922	35.645	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	30489	42.988	ng		95
88) Benzo(b)fluoranthene	15.080	252	36889	42.649	ng		93
89) Benzo(k)fluoranthene	15.110	252	30662m	38.797	ng		
90) Benzo(a)pyrene	15.451	252	30337	41.986	ng		96
91) Dibenzo(a,h)anthracene	17.015	278	26354	42.445	ng	#	95
92) Benzo(g,h,i)perylene	17.445	276	25169	42.748	ng	#	89

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

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