Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006270.D
Acq On : 21 Jul 2021 19:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/22/2021 1:29:33 PM

Quant Time: Jul 22 01:08:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 08:44:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	269659	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	1104453	20.000	ng	#	0.00
39) Acenaphthene-d10	14.427	164	655859	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1326797	20.000	ng	#	0.00
76) Chrysene-d12	21.274	240	1317873	20.000	ng	#	0.00
86) Perylene-d12	23.621	264	1384695	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1331838	82.286	ng		-0.01
7) Phenol-d6	6.975	99	1861565	84.124	ng		0.00
23) Nitrobenzene-d5	8.957	82	1631133	88.933	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	463735	68.691	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3408060	79.095	ng		0.00
79) Terphenyl-d14	19.751	244	5168010	78.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	281419	41.581	ng		93
3) Pyridine	3.728	79	811747	43.087	ng		96
4) n-Nitrosodimethylamine	3.646	42	277701	43.470	ng	#	73
6) Aniline	7.134	93	1015864	41.467	ng		99
8) 2-Chlorophenol	7.363	128	742027	41.519	ng		95
9) Benzaldehyde	6.951	77	536318	42.095	ng		98
10) Phenol	6.998	94	921519	41.974	ng		95
11) bis(2-Chloroethyl)ether	7.234	93	713042	41.935	ng		93
12) 1,3-Dichlorobenzene	7.687	146	787755	40.233	ng		99
13) 1,4-Dichlorobenzene	7.834	146	796026	40.102	ng		98
14) 1,2-Dichlorobenzene	8.145	146	761042	40.028	ng		98
15) Benzyl Alcohol	8.045	79	673395	42.271	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.339	45	768747	44.876	ng		95
17) 2-Methylphenol	8.245	107	607846	41.744	ng		97
18) Hexachloroethane	8.869	117	290590	41.178	ng		90
19) n-Nitroso-di-n-propyla...	8.616	70	590398	43.554	ng		93
20) 3+4-Methylphenols	8.575	107	818591	41.737	ng		98
22) Acetophenone	8.622	105	1087902	40.813	ng	#	97
24) Nitrobenzene	8.998	77	855279	43.860	ng		95
25) Isophorone	9.528	82	1547718	41.363	ng		96
26) 2-Nitrophenol	9.704	139	330282	40.860	ng		96
27) 2,4-Dimethylphenol	9.769	122	600447	40.558	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	867454	41.067	ng		98
29) 2,4-Dichlorophenol	10.234	162	619812	40.555	ng		96
30) 1,2,4-Trichlorobenzene	10.451	180	672547	38.921	ng		99
31) Naphthalene	10.633	128	2307032	39.796	ng		100
32) Benzoic acid	9.898	122	400044	43.544	ng		98
33) 4-Chloroaniline	10.751	127	940704	39.864	ng		98
34) Hexachlorobutadiene	10.922	225	397836	38.833	ng		99
35) Caprolactam	11.545	113	197818	43.013	ng	#	80
36) 4-Chloro-3-methylphenol	11.875	107	743713	41.809	ng		95
37) 2-Methylnaphthalene	12.245	142	1603315	39.603	ng		97
38) 1-Methylnaphthalene	12.469	142	1519894	39.696	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	690510	38.870	ng		97
41) Hexachlorocyclopentadiene	12.592	237	391941	40.297	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	465605	41.788	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	502960	42.014	ng	#	92
46) 1,1'-Biphenyl	13.263	154	1921561	39.750	ng		96
47) 2-Chloronaphthalene	13.304	162	1483624	39.861	ng		98
48) 2-Nitroaniline	13.510	65	434321	43.998	ng		96
49) Acenaphthylene	14.145	152	2387561	40.295	ng		100
50) Dimethylphthalate	13.898	163	1842735	40.042	ng		100
51) 2,6-Dinitrotoluene	14.010	165	407200	41.055	ng		93
52) Acenaphthene	14.492	154	1462176	39.920	ng		98
53) 3-Nitroaniline	14.333	138	441040	41.479	ng		88
54) 2,4-Dinitrophenol	14.539	184	188226	49.127	ng		93
55) Dibenzofuran	14.827	168	2291519	39.624	ng		98
56) 4-Nitrophenol	14.639	139	377392	44.446	ng		88
57) 2,4-Dinitrotoluene	14.792	165	542437	41.204	ng		90
58) Fluorene	15.474	166	1830737	39.519	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	425718m	41.071	ng		
60) Diethylphthalate	15.269	149	1926785	40.566	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	857338	39.126	ng		95
62) 4-Nitroaniline	15.498	138	464426	41.880	ng	#	85
63) Azobenzene	15.769	77	2038407	42.621	ng		92
65) 4,6-Dinitro-2-methylph...	15.551	198	279659	42.242	ng		82
66) n-Nitrosodiphenylamine	15.692	169	1615528	39.685	ng		99
67) 4-Bromophenyl-phenylether	16.374	248	439833	32.904	ng		94
68) Hexachlorobenzene	16.474	284	580102	37.846	ng	#	91
69) Atrazine	16.657	200	531090	39.943	ng		97
70) Pentachlorophenol	16.821	266	360104	41.950	ng		99
71) Phenanthrene	17.221	178	2881739	39.654	ng		100
72) Anthracene	17.310	178	2809858	39.638	ng		99
73) Carbazole	17.586	167	2838218	39.943	ng		99
74) Di-n-butylphthalate	18.157	149	3300870	40.698	ng		100
75) Fluoranthene	19.192	202	3333304	39.967	ng		94
77) Benzidine	19.380	184	1565733	40.820	ng		99
78) Pyrene	19.545	202	3424767	39.355	ng		99
80) Butylbenzylphthalate	20.439	149	1530685	41.520	ng		94
81) Benzo(a)anthracene	21.256	228	3373269	39.889	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	933917	39.882	ng	#	97
83) Chrysene	21.309	228	3254237	39.744	ng		99
84) Bis(2-ethylhexyl)phtha...	21.204	149	2321483	41.780	ng	#	98
85) Di-n-octyl phthalate	22.121	149	3919910	42.050	ng		97
87) Indeno(1,2,3-cd)pyrene	26.062	276	3985144	40.624	ng	#	89
88) Benzo(b)fluoranthene	22.909	252	3526628	39.472	ng	#	96
89) Benzo(k)fluoranthene	22.962	252	3427040	41.194	ng	#	97
90) Benzo(a)pyrene	23.521	252	3230208	40.295	ng	#	95
91) Dibenzo(a,h)anthracene	26.092	278	3442694	40.571	ng	#	93
92) Benzo(g,h,i)perylene	26.815	276	3337433	40.407	ng	#	91

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

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