Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP006994.D
Acq On : 16 Sep 2021 13:39
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:34 AM

Quant Time: Sep 16 15:02:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 14:57:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	410462	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1486479	20.000	ng	#	0.00
39) Acenaphthene-d10	14.551	164	922594	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	1895335	20.000	ng	#	0.00
76) Chrysene-d12	21.380	240	1878611	20.000	ng	#	0.00
86) Perylene-d12	23.798	264	1971798	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	3619820	144.006	ng		0.00
7) Phenol-d6	7.093	99	4898969	142.789	ng		0.01
23) Nitrobenzene-d5	9.093	82	4010730	151.540	ng		0.01
42) 2,4,6-Tribromophenol	16.039	330	1910855	172.223	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	9399480	140.647	ng		0.00
79) Terphenyl-d14	19.851	244	12885066	131.595	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	760046	69.053	ng	#	88
3) Pyridine	3.787	79	2111648m	74.606	ng		
4) n-Nitrosodimethylamine	3.699	42	753584	72.485	ng	#	79
6) Aniline	7.257	93	2693909	72.870	ng		98
8) 2-Chlorophenol	7.487	128	2030159	72.059	ng		99
10) Phenol	7.116	94	2464102	71.246	ng		90
11) bis(2-Chloroethyl)ether	7.352	93	1876629	70.393	ng		96
12) 1,3-Dichlorobenzene	7.810	146	2233286	70.749	ng		96
13) 1,4-Dichlorobenzene	7.957	146	2257476	70.535	ng		98
14) 1,2-Dichlorobenzene	8.275	146	2141519	69.877	ng		97
15) Benzyl Alcohol	8.169	79	1626746	73.514	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.457	45	2122868	68.115	ng		90
17) 2-Methylphenol	8.363	107	1626198	73.199	ng		93
18) Hexachloroethane	9.004	117	775129	72.924	ng		97
19) n-Nitroso-di-n-propyla...	8.746	70	1311382	69.620	ng		96
20) 3+4-Methylphenols	8.699	107	2220894	73.856	ng		93
22) Acetophenone	8.752	105	2765369	73.762	ng	#	97
24) Nitrobenzene	9.134	77	2078183	75.266	ng		95
25) Isophorone	9.663	82	3819662	78.074	ng		98
26) 2-Nitrophenol	9.840	139	1075983	89.881	ng	#	86
27) 2,4-Dimethylphenol	9.899	122	1644696	78.076	ng		95
28) bis(2-Chloroethoxy)met...	10.140	93	2223955	74.921	ng		99
29) 2,4-Dichlorophenol	10.369	162	1922679	79.891	ng		99
30) 1,2,4-Trichlorobenzene	10.587	180	2090305	76.383	ng		98
31) Naphthalene	10.775	128	6019463	73.083	ng		100
32) Benzoic acid	10.081	122	1384434	110.042	ng		96
33) 4-Chloroaniline	10.887	127	2506255	78.370	ng		99
34) Hexachlorobutadiene	11.063	225	1257100	78.003	ng		100
35) Caprolactam	11.704	113	586304m	88.531	ng		
36) 4-Chloro-3-methylphenol	12.010	107	1912856	78.791	ng		97
37) 2-Methylnaphthalene	12.381	142	4338305	74.296	ng		96
38) 1-Methylnaphthalene	12.598	142	4092775	74.229	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	2235543	76.142	ng		98
41) Hexachlorocyclopentadiene	12.728	237	1222408	83.815	ng		98
43) 2,4,6-Trichlorophenol	12.987	196	1551294	81.734	ng		98
44) 2,4,5-Trichlorophenol	13.057	196	1670874	79.901	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.392	154	5246932	72.909	ng		99
47) 2-Chloronaphthalene	13.434	162	4221541	74.450	ng		97
48) 2-Nitroaniline	13.634	65	1106767	85.185	ng		90
49) Acenaphthylene	14.275	152	6530454	76.002	ng		99
50) Dimethylphthalate	14.016	163	5071291	75.311	ng		99
51) 2,6-Dinitrotoluene	14.128	165	1213508	82.807	ng		92
52) Acenaphthene	14.616	154	4041118	74.306	ng		100
53) 3-Nitroaniline	14.457	138	1256123	85.748	ng		97
54) 2,4-Dinitrophenol	14.663	184	738453	95.029	ng		88
55) Dibenzofuran	14.951	168	6419512	72.876	ng		96
56) 4-Nitrophenol	14.763	139	1093808	87.979	ng	#	80
57) 2,4-Dinitrotoluene	14.916	165	1648064	87.866	ng		91
58) Fluorene	15.598	166	5009510	72.863	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	1438002m	80.053	ng		
60) Diethylphthalate	15.375	149	4969524	76.736	ng		97
61) 4-Chlorophenyl-phenyle...	15.592	204	2589850	75.102	ng		90
62) 4-Nitroaniline	15.628	138	1296376	88.034	ng	#	79
63) Azobenzene	15.886	77	4460787	74.377	ng		91
65) 4,6-Dinitro-2-methylph...	15.681	198	1033833	89.947	ng		97
66) n-Nitrosodiphenylamine	15.810	169	4521199	74.954	ng		98
67) 4-Bromophenyl-phenylether	16.486	248	1652158	78.857	ng		94
68) Hexachlorobenzene	16.604	284	1839662	78.106	ng		97
69) Atrazine	16.763	200	1303940	72.700	ng		97
70) Pentachlorophenol	16.945	266	1225103	86.612	ng		99
71) Phenanthrene	17.339	178	7943978	72.248	ng		97
72) Anthracene	17.433	178	7852913	74.647	ng		97
73) Carbazole	17.704	167	7703610	75.063	ng		98
74) Di-n-butylphthalate	18.257	149	8238236	78.489	ng		98
75) Fluoranthene	19.304	202	9374447	74.021	ng		95
77) Benzidine	19.480	184	2698007	67.317	ng		99
78) Pyrene	19.657	202	9613586	73.849	ng		95
80) Butylbenzylphthalate	20.527	149	3911175	85.819	ng		94
81) Benzo(a)anthracene	21.363	228	9533346	74.681	ng		95
82) 3,3'-Dichlorobenzidine	21.298	252	2877530	79.274	ng		99
83) Chrysene	21.421	228	9062403	72.346	ng		94
84) Bis(2-ethylhexyl)phtha...	21.292	149	5435486	81.136	ng		95
85) Di-n-octyl phthalate	22.221	149	9483591	86.613	ng		100
87) Indeno(1,2,3-cd)pyrene	26.356	276	11702184	78.201	ng	#	94
88) Benzo(b)fluoranthene	23.063	252	9966320	74.416	ng	#	96
89) Benzo(k)fluoranthene	23.115	252	9849486	75.559	ng	#	96
90) Benzo(a)pyrene	23.704	252	9359148	77.925	ng	#	98
91) Dibenzo(a,h)anthracene	26.374	278	10005133	77.289	ng	#	95
92) Benzo(g,h,i)perylene	27.139	276	9734941	77.949	ng	#	94

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

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