Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008044.D
Acq On : 19 Nov 2021 18:35
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 19 23:24:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 23:19:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	202693	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	781671	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	523373	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1145633	20.000	ng		0.00
76) Chrysene-d12	21.322	240	1024811	20.000	ng		0.00
86) Perylene-d12	23.710	264	902318	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	1285580	102.890	ng		0.00
7) Phenol-d6	7.011	99	1787810	107.555	ng		0.00
23) Nitrobenzene-d5	8.993	82	1835048	125.628	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	726296	88.200	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	3598227	96.438	ng		0.00
79) Terphenyl-d14	19.792	244	5589089	110.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	272761	51.871	ng		98
3) Pyridine	3.723	79	868546m	57.581	ng		
4) n-Nitrosodimethylamine	3.634	42	376788	67.629	ng		97
6) Aniline	7.158	93	1117405	59.530	ng		100
8) 2-Chlorophenol	7.399	128	679833	51.464	ng		99
10) Phenol	7.040	94	936005	58.040	ng		98
11) bis(2-Chloroethyl)ether	7.258	93	760749	57.401	ng		99
12) 1,3-Dichlorobenzene	7.717	146	771705	51.950	ng		98
13) 1,4-Dichlorobenzene	7.864	146	783768	51.897	ng		99
14) 1,2-Dichlorobenzene	8.181	146	748135	49.058	ng		99
15) Benzyl Alcohol	8.075	79	777411	61.832	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.364	45	1171309	73.131	ng		98
17) 2-Methylphenol	8.281	107	617642	55.612	ng		99
18) Hexachloroethane	8.905	117	294412	57.489	ng		100
19) n-Nitroso-di-n-propyla...	8.646	70	603393	58.312	ng		98
20) 3+4-Methylphenols	8.616	107	859004	55.812	ng		99
22) Acetophenone	8.658	105	1090754	54.859	ng	#	98
24) Nitrobenzene	9.034	77	904557	64.796	ng		99
25) Isophorone	9.569	82	1650215	64.952	ng		99
26) 2-Nitrophenol	9.740	139	407674	57.202	ng		99
27) 2,4-Dimethylphenol	9.811	122	578309	54.934	ng		99
28) bis(2-Chloroethoxy)met...	10.046	93	1026524	60.890	ng		100
29) 2,4-Dichlorophenol	10.281	162	712315	54.965	ng		99
30) 1,2,4-Trichlorobenzene	10.493	180	793112	53.487	ng		99
31) Naphthalene	10.675	128	2093553	52.448	ng		99
32) Benzoic acid	10.022	122	562997	61.886	ng		97
33) 4-Chloroaniline	10.787	127	908103	52.968	ng		99
34) Hexachlorobutadiene	10.963	225	542880	53.581	ng		99
35) Caprolactam	11.616	113	165182m	58.039	ng		
36) 4-Chloro-3-methylphenol	11.928	107	812540	55.488	ng		99
37) 2-Methylnaphthalene	12.287	142	1482882	50.836	ng		99
38) 1-Methylnaphthalene	12.510	142	1447885	50.890	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	910127	52.192	ng		100
41) Hexachlorocyclopentadiene	12.640	237	498100	62.210	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	646377	54.243	ng		99
44) 2,4,5-Trichlorophenol	12.975	196	689732	53.272	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.304	154	1987483	50.843	ng	99
47) 2-Chloronaphthalene	13.346	162	1574153	51.477	ng	100
48) 2-Nitroaniline	13.552	65	599926	69.123	ng	98
49) Acenaphthylene	14.193	152	2441208	52.480	ng	99
50) Dimethylphthalate	13.940	163	2091212	50.504	ng	100
51) 2,6-Dinitrotoluene	14.051	165	458614	53.313	ng	97
52) Acenaphthene	14.534	154	1444053	51.862	ng	99
53) 3-Nitroaniline	14.381	138	485450	55.348	ng	98
54) 2,4-Dinitrophenol	14.593	184	327432	63.073	ng	98
55) Dibenzofuran	14.869	168	2422326	51.157	ng	99
56) 4-Nitrophenol	14.698	139	396683	55.496	ng	99
57) 2,4-Dinitrotoluene	14.846	165	631613	55.160	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.098	232	610915m	51.805	ng	
60) Diethylphthalate	15.298	149	2079264	52.097	ng	100
62) 4-Nitroaniline	15.551	138	493283	54.725	ng	98
63) Azobenzene	15.810	77	2149782	63.978	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	453940	60.458	ng	97
66) n-Nitrosodiphenylamine	15.734	169	1691798	51.591	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	677587	50.570	ng	97
68) Hexachlorobenzene	16.534	284	712487	47.213	ng	96
69) Atrazine	16.693	200	435198	50.904	ng	98
70) Pentachlorophenol	16.875	266	487816	53.011	ng	100
71) Phenanthrene	17.269	178	3068908	50.282	ng	100
72) Anthracene	17.357	178	3048927	50.957	ng	99
74) Di-n-butylphthalate	18.187	149	3560369	53.393	ng	99
77) Benzidine	19.416	184	907426	57.710	ng	100
78) Pyrene	19.592	202	3826846	62.443	ng	99
80) Butylbenzylphthalate	20.469	149	1664786	65.791	ng	98
81) Benzo(a)anthracene	21.304	228	3658404	54.225	ng	99
83) Chrysene	21.357	228	3459426	53.497	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	2114851	58.536	ng	99
85) Di-n-octyl phthalate	22.157	149	4033377	60.577	ng	99
87) Indeno(1,2,3-cd)pyrene	26.216	276	3008657	46.183	ng	100
88) Benzo(b)fluoranthene	22.986	252	3163039	58.890	ng	99
89) Benzo(k)fluoranthene	23.033	252	3073298	57.278	ng	99
90) Benzo(a)pyrene	23.610	252	2576311	56.081	ng	99
91) Dibenzo(a,h)anthracene	26.233	278	2507849	46.406	ng	99
92) Benzo(g,h,i)perylene	26.986	276	2482954	46.609	ng	99

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

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