Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP006995.D
Acq On : 16 Sep 2021 14:40
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091621

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:36 AM

Quant Time: Sep 16 15:31:33 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 15:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	345478	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1297113	20.000	ng	#	0.00
39) Acenaphthene-d10	14.551	164	811997	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	1661001	20.000	ng	#	0.00
76) Chrysene-d12	21.380	240	1673724	20.000	ng	#	0.00
86) Perylene-d12	23.804	264	1709825	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1610311	76.112	ng		0.00
7) Phenol-d6	7.075	99	2177344	75.400	ng		0.00
23) Nitrobenzene-d5	9.081	82	1776250	76.911	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	806661	82.606	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	4416391	75.085	ng		0.00
79) Terphenyl-d14	19.857	244	6699525	76.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	346000	37.348	ng	#	88
3) Pyridine	3.787	79	921467m	38.684	ng		
4) n-Nitrosodimethylamine	3.693	42	334544	38.231	ng	#	80
6) Aniline	7.240	93	1184856	38.079	ng		98
8) 2-Chlorophenol	7.475	128	891566	37.598	ng		97
9) Benzaldehyde	7.052	77	545721m	40.991	ng		
10) Phenol	7.104	94	1090156	37.449	ng		90
11) bis(2-Chloroethyl)ether	7.340	93	827791	36.891	ng		96
12) 1,3-Dichlorobenzene	7.804	146	976576	36.756	ng		97
13) 1,4-Dichlorobenzene	7.951	146	995920	36.971	ng		98
14) 1,2-Dichlorobenzene	8.269	146	947134	36.718	ng		98
15) Benzyl Alcohol	8.157	79	716653	38.478	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	955984	36.444	ng		89
17) 2-Methylphenol	8.357	107	711555	38.053	ng		92
18) Hexachloroethane	8.998	117	333109	37.234	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	595351	37.552	ng		98
20) 3+4-Methylphenols	8.687	107	959896	37.926	ng		95
22) Acetophenone	8.740	105	1231392	37.641	ng	#	99
24) Nitrobenzene	9.122	77	914133	37.941	ng		96
25) Isophorone	9.651	82	1657631	38.829	ng		98
26) 2-Nitrophenol	9.834	139	434845	41.627	ng	#	87
27) 2,4-Dimethylphenol	9.893	122	710665	38.661	ng		96
28) bis(2-Chloroethoxy)met...	10.128	93	972577	37.547	ng		98
29) 2,4-Dichlorophenol	10.363	162	829092	39.480	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	908166	38.030	ng		98
31) Naphthalene	10.769	128	2680711	37.298	ng		100
32) Benzoic acid	10.022	122	502822	38.173	ng		95
33) 4-Chloroaniline	10.881	127	1086168	38.923	ng		97
34) Hexachlorobutadiene	11.057	225	546105	38.833	ng		100
35) Caprolactam	11.669	113	243874	42.203	ng	#	79
36) 4-Chloro-3-methylphenol	11.998	107	822763	38.838	ng		97
37) 2-Methylnaphthalene	12.381	142	1927884	37.836	ng		96
38) 1-Methylnaphthalene	12.598	142	1808883	37.596	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	986134	38.162	ng		98
41) Hexachlorocyclopentadiene	12.728	237	509611	39.701	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	666597	39.905	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	722772	39.270	ng		97
46) 1,1'-Biphenyl	13.386	154	2362417	37.298	ng		99
47) 2-Chloronaphthalene	13.428	162	1880559	37.682	ng		97
48) 2-Nitroaniline	13.628	65	464625	40.632	ng		95
49) Acenaphthylene	14.269	152	2918569	38.593	ng		99
50) Dimethylphthalate	14.010	163	2269098	38.287	ng		100
51) 2,6-Dinitrotoluene	14.122	165	518225	40.179	ng		93
52) Acenaphthene	14.616	154	1791172	37.421	ng		100
53) 3-Nitroaniline	14.451	138	526458	40.833	ng		98
54) 2,4-Dinitrophenol	14.657	184	281694	41.188	ng		90
55) Dibenzofuran	14.945	168	2905451	37.476	ng		95
56) 4-Nitrophenol	14.751	139	460482	42.083	ng	#	82
57) 2,4-Dinitrotoluene	14.910	165	686520	41.587	ng		92
58) Fluorene	15.598	166	2281630	37.706	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	630189m	39.809	ng		
60) Diethylphthalate	15.375	149	2189573	38.415	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	1150554	37.909	ng		93
62) 4-Nitroaniline	15.616	138	543915	41.967	ng	#	78
63) Azobenzene	15.886	77	2019051	38.250	ng		93
65) 4,6-Dinitro-2-methylph...	15.675	198	410514	40.755	ng		99
66) n-Nitrosodiphenylamine	15.804	169	2025284	38.313	ng		99
67) 4-Bromophenyl-phenylether	16.486	248	710263	38.683	ng		95
68) Hexachlorobenzene	16.604	284	794970	38.514	ng		97
69) Atrazine	16.763	200	661448	42.081	ng		96
70) Pentachlorophenol	16.945	266	521789	42.093	ng		99
71) Phenanthrene	17.339	178	3620770	37.576	ng		99
72) Anthracene	17.433	178	3550996	38.517	ng		99
73) Carbazole	17.704	167	3459681	38.467	ng		98
74) Di-n-butylphthalate	18.257	149	3711344	40.348	ng		98
75) Fluoranthene	19.304	202	4282832	38.588	ng		97
77) Benzidine	19.486	184	1403967	36.892	ng		99
78) Pyrene	19.657	202	4460638	38.460	ng		99
80) Butylbenzylphthalate	20.533	149	1682683	41.441	ng		94
81) Benzo(a)anthracene	21.368	228	4337384	38.137	ng		99
82) 3,3'-Dichlorobenzidine	21.298	252	1326196	41.008	ng		99
83) Chrysene	21.421	228	4189108	37.536	ng		98
84) Bis(2-ethylhexyl)phtha...	21.292	149	2468127	41.352	ng		98
85) Di-n-octyl phthalate	22.221	149	4081985	41.844	ng		99
87) Indeno(1,2,3-cd)pyrene	26.351	276	4974494	38.336	ng	#	94
88) Benzo(b)fluoranthene	23.062	252	4399036	37.879	ng	#	97
89) Benzo(k)fluoranthene	23.115	252	4363190	38.600	ng	#	98
90) Benzo(a)pyrene	23.698	252	4033492	38.729	ng	#	97
91) Dibenzo(a,h)anthracene	26.368	278	4296405	38.275	ng	#	96
92) Benzo(g,h,i)perylene	27.127	276	4153295	38.351	ng	#	95

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

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