Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006743.D
Acq On : 18 Aug 2021 14:06
Operator : CG/JU
Sample : M3398-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
2021-08-10-FD-01MSD

Manual Integrations APPROVED
mohammad
8/19/2021 1:27:27 PM

Quant Time: Aug 18 14:48:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	154103	20.000	ng		0.00
21) Naphthalene-d8	10.486	136	605646	20.000	ng		# 0.00
39) Acenaphthene-d10	14.345	164	322061	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	643952	20.000	ng		# 0.00
76) Chrysene-d12	21.209	240	712083	20.000	ng		# 0.00
86) Perylene-d12	23.515	264	795689	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1122245	111.854	ng		0.00
7) Phenol-d6	6.887	99	1393751	97.792	ng		0.00
23) Nitrobenzene-d5	8.863	82	951217	72.494	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	425715	126.479	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1627538	75.607	ng		0.00
79) Terphenyl-d14	19.680	244	2442527	68.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	194095	44.435	ng		96
3) Pyridine	3.634	79	453366	35.314	ng		97
4) n-Nitrosodimethylamine	3.552	42	184911	38.160	ng	#	75
6) Aniline	7.040	93	537117	34.694	ng		96
8) 2-Chlorophenol	7.269	128	467084	43.027	ng		94
9) Benzaldehyde	6.851	77	340266	39.667	ng		95
10) Phenol	6.916	94	590204	41.299	ng		97
11) bis(2-Chloroethyl)ether	7.140	93	452330	41.684	ng		94
12) 1,3-Dichlorobenzene	7.587	146	510625	45.132	ng		97
13) 1,4-Dichlorobenzene	7.734	146	519172	45.214	ng		97
14) 1,2-Dichlorobenzene	8.045	146	491422	44.600	ng		97
15) Benzyl Alcohol	7.951	79	428241	40.067	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.239	45	490768	38.006	ng		95
17) 2-Methylphenol	8.151	107	375269	41.585	ng		99
18) Hexachloroethane	8.769	117	209155	46.019	ng		91
19) n-Nitroso-di-n-propyla...	8.516	70	360454	37.697	ng		95
20) 3+4-Methylphenols	8.481	107	507486	41.317	ng		97
22) Acetophenone	8.528	105	710296	44.224	ng	#	99
24) Nitrobenzene	8.904	77	556037	40.766	ng		92
25) Isophorone	9.428	82	921842	39.115	ng		95
26) 2-Nitrophenol	9.610	139	236305	47.605	ng		94
27) 2,4-Dimethylphenol	9.681	122	400019	48.124	ng		97
28) bis(2-Chloroethoxy)met...	9.916	93	558899	44.322	ng		98
29) 2,4-Dichlorophenol	10.139	162	371198	44.108	ng		94
30) 1,2,4-Trichlorobenzene	10.351	180	404277	44.706	ng		97
31) Naphthalene	10.534	128	1384768	42.550	ng		100
32) Benzoic acid	9.834	122	317888	49.435	ng		92
33) 4-Chloroaniline	10.657	127	282313	21.437	ng	#	94
34) Hexachlorobutadiene	10.816	225	240554	45.649	ng		99
35) Caprolactam	11.463	113	136260m	44.903	ng		
36) 4-Chloro-3-methylphenol	11.792	107	452236	42.296	ng		91
37) 2-Methylnaphthalene	12.151	142	915137	41.498	ng		98
38) 1-Methylnaphthalene	12.375	142	849341	40.528	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	397453	47.151	ng	#	95
41) Hexachlorocyclopentadiene	12.498	237	513303	114.816	ng		97
43) 2,4,6-Trichlorophenol	12.775	196	273546	47.527	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	297380	46.677	ng	#	88
46) 1,1'-Biphenyl	13.175	154	1058720	43.431	ng		97
47) 2-Chloronaphthalene	13.216	162	837296	44.603	ng		95
48) 2-Nitroaniline	13.427	65	304071	45.898	ng	#	84
49) Acenaphthylene	14.063	152	1365922	45.125	ng		100
50) Dimethylphthalate	13.816	163	1045256	44.586	ng		99
51) 2,6-Dinitrotoluene	13.933	165	226453	43.289	ng	#	74
52) Acenaphthene	14.410	154	793919	43.096	ng		98
53) 3-Nitroaniline	14.263	138	238773	41.172	ng		83
54) 2,4-Dinitrophenol	14.474	184	287180	104.978	ng	#	79
55) Dibenzofuran	14.745	168	1233628	42.573	ng		94
56) 4-Nitrophenol	14.586	139	490341	97.374	ng		89
57) 2,4-Dinitrotoluene	14.727	165	323766	46.150	ng	#	80
58) Fluorene	15.398	166	1007503	43.500	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.974	232	245947	46.066	ng	#	70
60) Diethylphthalate	15.186	149	1137709	46.205	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	458152	43.681	ng	#	89
62) 4-Nitroaniline	15.433	138	254823m	41.409	ng		
63) Azobenzene	15.692	77	1226109	42.710	ng		92
65) 4,6-Dinitro-2-methylph...	15.486	198	170137	43.240	ng		67
66) n-Nitrosodiphenylamine	15.616	169	860830	42.530	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	275981	44.667	ng	#	89
68) Hexachlorobenzene	16.398	284	309917	44.077	ng	#	84
69) Atrazine	16.586	200	309990	49.080	ng		96
70) Pentachlorophenol	16.751	266	449751	100.815	ng		99
71) Phenanthrene	17.145	178	1578740	43.464	ng		99
72) Anthracene	17.239	178	1617245	46.078	ng		99
73) Carbazole	17.515	167	1538774	42.982	ng		98
74) Di-n-butylphthalate	18.080	149	2026381	49.682	ng		99
75) Fluoranthene	19.121	202	1872342	45.926	ng		94
77) Benzidine	19.321	184	1214600	68.164	ng		99
78) Pyrene	19.474	202	1955081	41.105	ng		99
80) Butylbenzylphthalate	20.368	149	1004763	48.040	ng		88
81) Benzo(a)anthracene	21.192	228	1982684	42.604	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	695325	56.913	ng	#	98
83) Chrysene	21.245	228	1951594	43.257	ng		100
84) Bis(2-ethylhexyl)phtha...	21.133	149	1535770	48.863	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2730029	52.699	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.909	276	2641638	45.786	ng	#	90
88) Benzo(b)fluoranthene	22.821	252	2239004	43.296	ng	#	97
89) Benzo(k)fluoranthene	22.868	252	2065962	41.609	ng	#	97
90) Benzo(a)pyrene	23.421	252	2146405	46.275	ng	#	95
91) Dibenzo(a,h)anthracene	25.933	278	2252347	45.151	ng	#	94
92) Benzo(g,h,i)perylene	26.644	276	2206926	46.167	ng	#	92

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

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