Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005708.D
Acq On : 04 Jun 2021 12:28
Operator : CG/JU
Sample : M2582-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201MS

Manual Integrations APPROVED
mohammad
6/7/2021 12:25:05 PM

Quant Time: Jun 04 13:54:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	122545	20.000	ng		-0.01
21) Naphthalene-d8	10.787	136	475840	20.000	ng		#-0.01
39) Acenaphthene-d10	14.610	164	294713	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	628201	20.000	ng		# 0.00
76) Chrysene-d12	21.421	240	681700	20.000	ng		# 0.00
86) Perylene-d12	23.857	264	798499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	615712	78.115	ng		0.00
7) Phenol-d6	7.152	99	754765	70.242	ng		0.00
23) Nitrobenzene-d5	9.146	82	483198	56.474	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	368532	97.519	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	1054123	47.336	ng		0.00
79) Terphenyl-d14	19.892	244	1732481	47.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	119009	32.990	ng		91
3) Pyridine	3.817	79	313227	35.075	ng	#	92
4) n-Nitrosodimethylamine	3.722	42	163924	41.215	ng	#	27
6) Aniline	7.316	93	423425	33.710	ng		95
8) 2-Chlorophenol	7.546	128	395303	44.790	ng		96
9) Benzaldehyde	7.116	77	244646	52.587	ng		92
10) Phenol	7.175	94	475164	43.312	ng		98
11) bis(2-Chloroethyl)ether	7.399	93	361310	42.655	ng		98
12) 1,3-Dichlorobenzene	7.869	146	416760	41.601	ng		99
13) 1,4-Dichlorobenzene	8.016	146	424391	41.800	ng		98
14) 1,2-Dichlorobenzene	8.334	146	407290	41.945	ng		98
15) Benzyl Alcohol	8.222	79	344817	44.737	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.516	45	367214	37.871	ng		85
17) 2-Methylphenol	8.428	107	313079	43.837	ng		95
18) Hexachloroethane	9.063	117	155402	43.131	ng		90
19) n-Nitroso-di-n-propyla...	8.793	70	269728	39.463	ng		96
20) 3+4-Methylphenols	8.757	107	425269	44.697	ng		94
22) Acetophenone	8.810	105	546214	43.034	ng	#	98
24) Nitrobenzene	9.187	77	417111	43.888	ng		93
25) Isophorone	9.716	82	719113	37.856	ng		98
26) 2-Nitrophenol	9.904	139	207277	56.260	ng	#	77
27) 2,4-Dimethylphenol	9.963	122	352010	48.278	ng		99
28) bis(2-Chloroethoxy)met...	10.199	93	439788	43.018	ng		97
29) 2,4-Dichlorophenol	10.440	162	364729	46.510	ng		98
30) 1,2,4-Trichlorobenzene	10.651	180	390092	41.998	ng		98
31) Naphthalene	10.840	128	1164822	41.107	ng		98
32) Benzoic acid	10.122	122	269770	65.130	ng		96
33) 4-Chloroaniline	10.957	127	310015	26.274	ng	#	92
34) Hexachlorobutadiene	11.128	225	250238	43.135	ng		98
35) Caprolactam	11.746	113	119915	55.839	ng	#	71
36) 4-Chloro-3-methylphenol	12.075	107	375935	45.543	ng		95
37) 2-Methylnaphthalene	12.445	142	822088	40.944	ng	#	88
38) 1-Methylnaphthalene	12.663	142	758083	39.795	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.810	216	445822	45.348	ng		96
41) Hexachlorocyclopentadiene	12.793	237	517021	94.463	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	305782	51.281	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	332080	51.499	ng	#	94
46) 1,1'-Biphenyl	13.445	154	1041491	43.521	ng		98
47) 2-Chloronaphthalene	13.487	162	806095	41.441	ng		99
48) 2-Nitroaniline	13.687	65	240330	51.669	ng	#	78
49) Acenaphthylene	14.334	152	1306195	43.081	ng		99
50) Dimethylphthalate	14.063	163	1014059	43.259	ng		99
51) 2,6-Dinitrotoluene	14.181	165	226905	44.266	ng	#	66
52) Acenaphthene	14.669	154	779102	39.529	ng		94
53) 3-Nitroaniline	14.510	138	216593	42.727	ng		80
54) 2,4-Dinitrophenol	14.722	184	279121	125.994	ng		95
55) Dibenzofuran	15.004	168	1247210	41.285	ng		98
56) 4-Nitrophenol	14.822	139	432454	98.016	ng	#	60
57) 2,4-Dinitrotoluene	14.969	165	317818	49.477	ng	#	66
58) Fluorene	15.651	166	1004982	41.608	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.234	232	295162m	52.906	ng		
60) Diethylphthalate	15.422	149	1051086	44.689	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	501765	41.552	ng		98
62) 4-Nitroaniline	15.669	138	233168	43.784	ng	#	49
63) Azobenzene	15.939	77	964258	39.150	ng		94
65) 4,6-Dinitro-2-methylph...	15.734	198	177512	53.271	ng		91
66) n-Nitrosodiphenylamine	15.857	169	869665	40.628	ng	#	92
67) 4-Bromophenyl-phenylether	16.539	248	336866	44.513	ng		99
68) Hexachlorobenzene	16.657	284	405605	45.013	ng		95
69) Atrazine	16.810	200	325975	53.287	ng		97
70) Pentachlorophenol	17.004	266	490703	108.579	ng		96
71) Phenanthrene	17.392	178	1811857	46.295	ng		100
72) Anthracene	17.480	178	1706928	44.171	ng		100
73) Carbazole	17.751	167	1527250	40.157	ng		99
74) Di-n-butylphthalate	18.292	149	1844174	45.281	ng	#	92
75) Fluoranthene	19.351	202	2238297	47.643	ng		97
77) Benzidine	19.527	184	952149	73.546	ng		99
78) Pyrene	19.698	202	2251316	46.803	ng		99
80) Butylbenzylphthalate	20.563	149	954444	48.964	ng	#	92
81) Benzo(a)anthracene	21.404	228	2183852	43.652	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	728616	45.089	ng	#	96
83) Chrysene	21.457	228	2113951	43.636	ng		99
84) Bis(2-ethylhexyl)phtha...	21.316	149	1407797	51.808	ng	#	95
85) Di-n-octyl phthalate	22.251	149	2223512	48.687	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.433	276	3099706	45.627	ng	#	92
88) Benzo(b)fluoranthene	23.110	252	2559106	44.171	ng	#	98
89) Benzo(k)fluoranthene	23.163	252	2226515	40.557	ng	#	97
90) Benzo(a)pyrene	23.751	252	2393129	45.405	ng	#	97
91) Dibenzo(a,h)anthracene	26.451	278	2554560	43.329	ng	#	95
92) Benzo(g,h,i)perylene	27.227	276	2607660	45.856	ng	#	94

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

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