Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036115.D
Acq On : 05 Aug 2022 11:57
Operator : CG/JU
Sample : PB146605BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 01:11:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146605BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
08/08/2022
Supervised By :Jagrut Upadhyay
08/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	365263	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1485082	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	764028	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1293173	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1002889	20.000	ng		0.00
86) Perylene-d12	23.768	264	933884	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2830119	125.618	ng		0.00
7) Phenol-d6	7.034	99	3437371	119.906	ng		0.00
23) Nitrobenzene-d5	9.022	82	2017761	76.055	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	992993	110.787	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	4130149	79.815	ng		0.00
79) Terphenyl-d14	19.856	244	4519570	88.889	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	258182	28.439	ng	#	92
3) Pyridine	3.693	79	717274	29.464	ng		89
4) n-Nitrosodimethylamine	3.605	42	407886	40.773	ng	#	62
6) Aniline	7.181	93	1355907	42.712	ng		96
8) 2-Chlorophenol	7.416	128	1061544	44.192	ng		96
9) Benzaldehyde	6.993	77	514665	33.912	ng		94
10) Phenol	7.057	94	1294022	44.830	ng		90
11) bis(2-Chloroethyl)ether	7.281	93	994064	41.806	ng		96
12) 1,3-Dichlorobenzene	7.740	146	1091310	40.998	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1121963	41.331	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1081307	41.283	ng		99
15) Benzyl Alcohol	8.104	79	824346m	42.851	ng		
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1310178	41.438	ng		97
17) 2-Methylphenol	8.310	107	832725	43.581	ng		95
18) Hexachloroethane	8.928	117	416398	42.611	ng		96
19) n-Nitroso-di-n-propyla...	8.675	70	706068	40.548	ng		88
20) 3+4-Methylphenols	8.640	107	1102230	42.459	ng		96
22) Acetophenone	8.687	105	1471735	41.865	ng	#	92
24) Nitrobenzene	9.069	77	1078527	43.243	ng		96
25) Isophorone	9.598	82	1894519	43.896	ng		98
26) 2-Nitrophenol	9.775	139	543134	46.170	ng		92
27) 2,4-Dimethylphenol	9.839	122	877140	48.134	ng		97
28) bis(2-Chloroethoxy)met...	10.081	93	1211528	39.401	ng		99
29) 2,4-Dichlorophenol	10.310	162	881264	43.003	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	923790	39.778	ng		99
31) Naphthalene	10.710	128	3044550	41.235	ng		99
32) Benzoic acid	9.998	122	598260	41.416	ng		94
33) 4-Chloroaniline	10.828	127	1003808	33.734	ng		96
34) Hexachlorobutadiene	10.986	225	552592	40.493	ng		98
35) Caprolactam	11.633	113	239264	37.905	ng		96
36) 4-Chloro-3-methylphenol	11.957	107	859887	39.920	ng		98
37) 2-Methylnaphthalene	12.322	142	1985178	40.404	ng		98
38) 1-Methylnaphthalene	12.539	142	1876979	39.010	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	940212	45.391	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1227081	111.853	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	626835	44.473	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	667014	44.830	ng	97
46) 1,1'-Biphenyl	13.333	154	2430465	43.650	ng	99
47) 2-Chloronaphthalene	13.374	162	1865120	43.766	ng	99
48) 2-Nitroaniline	13.586	65	520165	44.789	ng	90
49) Acenaphthylene	14.216	152	2880265	43.723	ng	100
50) Dimethylphthalate	13.963	163	2058070	39.611	ng	99
51) 2,6-Dinitrotoluene	14.080	165	451935	43.353	ng	93
52) Acenaphthene	14.557	154	2022179m	46.927	ng	
53) 3-Nitroaniline	14.410	138	406688	33.438	ng	94
54) 2,4-Dinitrophenol	14.616	184	527913	95.697	ng	91
55) Dibenzofuran	14.892	168	2604444	40.360	ng	98
56) 4-Nitrophenol	14.727	139	844859	86.803	ng	85
57) 2,4-Dinitrotoluene	14.869	165	595156	43.557	ng	97
58) Fluorene	15.539	166	2061255	40.494	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	508799	40.369	ng	96
60) Diethylphthalate	15.321	149	2014713	37.733	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	990895	39.039	ng	97
62) 4-Nitroaniline	15.568	138	482027	38.524	ng	90
63) Azobenzene	15.827	77	1964235	38.697	ng	93
65) 4,6-Dinitro-2-methylph...	15.627	198	295939	44.757	ng	93
66) n-Nitrosodiphenylamine	15.751	169	1691592	46.337	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	577365	44.636	ng	97
68) Hexachlorobenzene	16.539	284	671690	45.257	ng	91
69) Atrazine	16.710	200	536783	52.549	ng	98
70) Pentachlorophenol	16.886	266	800501	92.094	ng	99
71) Phenanthrene	17.280	178	2875681	43.649	ng	99
72) Anthracene	17.368	178	2895499	45.396	ng	99
73) Carbazole	17.645	167	2651124	41.022	ng	99
74) Di-n-butylphthalate	18.204	149	3120064	40.443	ng	99
75) Fluoranthene	19.292	202	2980687	40.417	ng	99
77) Benzidine	19.486	184	1460523	97.107	ng	99
78) Pyrene	19.656	202	3036714	48.830	ng	99
80) Butylbenzylphthalate	20.556	149	1243502	46.328	ng	97
81) Benzo(a)anthracene	21.398	228	2732179	44.230	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	973749	64.920	ng	100
83) Chrysene	21.450	228	2524906	42.999	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1751766	43.260	ng	99
85) Di-n-octyl phthalate	22.245	149	2757530	41.726	ng	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3113163	47.436	ng	98
88) Benzo(b)fluoranthene	23.056	252	2750511	50.269	ng	99
89) Benzo(k)fluoranthene	23.103	252	2515969	45.527	ng	99
90) Benzo(a)pyrene	23.668	252	2340448	50.982	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	2752770	50.110	ng	99
92) Benzo(g,h,i)perylene	26.974	276	2797503	52.603	ng	99

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

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