Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037474.D
Acq On : 11 Nov 2022 19:28
Operator : CG/JU
Sample : N5502-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2182MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Quant Time: Nov 11 22:58:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	268908	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1025434	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	553868	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	974385	20.000	ng	0.00
76) Chrysene-d12	21.380	240	803178	20.000	ng	0.00
86) Perylene-d12	23.721	264	734771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2021565	129.879	ng	0.01
7) Phenol-d6	6.993	99	2379861	112.656	ng	0.00
23) Nitrobenzene-d5	8.981	82	1787598	87.952	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1061584	162.641	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3935233	94.404	ng	0.00
79) Terphenyl-d14	19.821	244	4691391	104.746	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	265774	41.699	ng	# 42
3) Pyridine	3.687	79	503439	26.513	ng	98
4) n-Nitrosodimethylamine	3.587	42	343235	41.356	ng	93
6) Aniline	7.145	93	305745	11.839	ng	98
8) 2-Chlorophenol	7.375	128	898756	47.442	ng	98
9) Benzaldehyde	6.957	77	379043	35.447	ng	99
10) Phenol	7.016	94	906676	38.304	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	868078	45.741	ng	99
12) 1,3-Dichlorobenzene	7.692	146	910062	43.962	ng	99
13) 1,4-Dichlorobenzene	7.840	146	948263	44.408	ng	99
14) 1,2-Dichlorobenzene	8.157	146	921392	44.928	ng	98
15) Benzyl Alcohol	8.063	79	719072	47.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1202279	44.436	ng	99
17) 2-Methylphenol	8.269	107	686480	44.377	ng	99
18) Hexachloroethane	8.875	117	351235	46.641	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	654721	45.207	ng	99
20) 3+4-Methylphenols	8.598	107	893860	42.067	ng	99
22) Acetophenone	8.639	105	1308073	49.078	ng	99
24) Nitrobenzene	9.022	77	961407	46.657	ng	98
25) Isophorone	9.551	82	1710927	50.368	ng	98
26) 2-Nitrophenol	9.728	139	476647	51.671	ng	97
27) 2,4-Dimethylphenol	9.792	122	734332	53.639	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	1086060	51.387	ng	100
29) 2,4-Dichlorophenol	10.263	162	769828	48.986	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	854353	47.940	ng	100
31) Naphthalene	10.657	128	2620088	45.099	ng	99
32) Benzoic acid	9.957	122	396802	34.195	ng	99
33) 4-Chloroaniline	10.792	127	168465	7.280	ng	99
34) Hexachlorobutadiene	10.928	225	495704	49.813	ng	97
35) Caprolactam	11.610	113	155357	32.518	ng	96
36) 4-Chloro-3-methylphenol	11.916	107	723792	44.693	ng	99
37) 2-Methylnaphthalene	12.269	142	1812841	46.055	ng	99
38) 1-Methylnaphthalene	12.492	142	1701659	44.244	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	918808	55.173	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1154711	145.533	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	589883	51.455	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	635864	50.281	ng	98
46) 1,1'-Biphenyl	13.286	154	2282741	51.072	ng	99
47) 2-Chloronaphthalene	13.327	162	1762780	49.560	ng	100
48) 2-Nitroaniline	13.551	65	474435	46.157	ng	95
49) Acenaphthylene	14.174	152	2669108	48.341	ng	100
50) Dimethylphthalate	13.921	163	1990766	47.057	ng	100
51) 2,6-Dinitrotoluene	14.045	165	436551	48.728	ng	96
52) Acenaphthene	14.516	154	1613992	47.283	ng	98
53) 3-Nitroaniline	14.380	138	219409	21.922	ng	97
54) 2,4-Dinitrophenol	14.586	184	514325	86.610	ng	95
55) Dibenzofuran	14.851	168	2502257	47.594	ng	100
56) 4-Nitrophenol	14.698	139	619521	77.590	ng	97
57) 2,4-Dinitrotoluene	14.833	165	579241	49.135	ng	99
58) Fluorene	15.498	166	2048196	46.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	509472	48.065	ng	97
60) Diethylphthalate	15.280	149	1932360	46.996	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1005862	49.543	ng	100
62) 4-Nitroaniline	15.539	138	381205m	37.977	ng	
63) Azobenzene	15.786	77	1855667	45.812	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	293020	43.618	ng	98
66) n-Nitrosodiphenylamine	15.715	169	1611874	48.941	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	586433	53.632	ng	99
68) Hexachlorobenzene	16.498	284	712240	53.824	ng	96
69) Atrazine	16.674	200	520600	62.822	ng	98
70) Pentachlorophenol	16.851	266	817411	106.158	ng	100
71) Phenanthrene	17.239	178	2818807	46.629	ng	100
72) Anthracene	17.327	178	2843652	49.688	ng	100
73) Carbazole	17.609	167	2436346	46.410	ng	99
74) Di-n-butylphthalate	18.168	149	3067825	52.924	ng	100
75) Fluoranthene	19.256	202	2927022	45.805	ng	98
77) Benzidine	19.462	184	155313	12.968	ng	100
78) Pyrene	19.621	202	3046892	49.333	ng	100
80) Butylbenzylphthalate	20.521	149	1230169	55.773	ng	97
81) Benzo(a)anthracene	21.368	228	2635127	46.084	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	537379	31.997	ng	99
83) Chrysene	21.421	228	2531372	45.949	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1777978	60.060	ng	99
85) Di-n-octyl phthalate	22.197	149	2784974	59.734	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	3019064	50.182	ng	97
88) Benzo(b)fluoranthene	23.009	252	2512912	49.262	ng	99
89) Benzo(k)fluoranthene	23.056	252	2498788	48.023	ng	99
90) Benzo(a)pyrene	23.615	252	2141452	51.523	ng	99
91) Dibenzo(a,h)anthracene	26.150	278	2554561	51.132	ng	98
92) Benzo(g,h,i)perylene	26.885	276	2561785	52.686	ng	96

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

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