Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037477.D
Acq On : 11 Nov 2022 21:17
Operator : CG/JU
Sample : N5531-08MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-33MS

Manual Integrations APPROVED

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

Quant Time: Nov 11 22:59:58 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	260898	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	994955	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	530807	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	948173	20.000	ng		0.00
76) Chrysene-d12	21.380	240	877653	20.000	ng		0.00
86) Perylene-d12	23.721	264	893238	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1489616	98.641	ng		0.00
7) Phenol-d6	6.987	99	1865574	91.022	ng		0.00
23) Nitrobenzene-d5	8.975	82	1173575	59.510	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	694197	110.976	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	2429453	60.813	ng		0.00
79) Terphenyl-d14	19.821	244	3078979	62.912	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	260642	42.149	ng		97
3) Pyridine	3.663	79	680754	36.951	ng		98
4) n-Nitrosodimethylamine	3.581	42	341020	42.351	ng		96
6) Aniline	7.139	93	954411	38.091	ng		100
8) 2-Chlorophenol	7.369	128	817619	44.484	ng		99
9) Benzaldehyde	6.951	77	429647	41.413	ng		99
10) Phenol	7.016	94	957081	41.674	ng		99
11) bis(2-Chloroethyl)ether	7.239	93	769597	41.797	ng		99
12) 1,3-Dichlorobenzene	7.692	146	924165	46.014	ng		97
13) 1,4-Dichlorobenzene	7.839	146	945329	45.630	ng		99
14) 1,2-Dichlorobenzene	8.157	146	908807	45.675	ng		98
15) Benzyl Alcohol	8.057	79	641358	43.769	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1082326	41.231	ng		97
17) 2-Methylphenol	8.263	107	639222	42.591	ng		98
18) Hexachloroethane	8.875	117	357104	48.876	ng		95
19) n-Nitroso-di-n-propyla...	8.622	70	573196	40.800	ng		100
20) 3+4-Methylphenols	8.592	107	844672	40.973	ng		98
22) Acetophenone	8.639	105	1159983	44.855	ng	#	99
24) Nitrobenzene	9.022	77	851874	42.608	ng		98
25) Isophorone	9.545	82	1484098	45.029	ng		99
26) 2-Nitrophenol	9.728	139	419771	46.899	ng		98
27) 2,4-Dimethylphenol	9.792	122	682719	51.397	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	949456	46.300	ng		99
29) 2,4-Dichlorophenol	10.263	162	686410	45.016	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	792485	45.831	ng		99
31) Naphthalene	10.657	128	2399604	42.569	ng		100
32) Benzoic acid	9.957	122	417918	36.522	ng		98
33) 4-Chloroaniline	10.780	127	572269	25.487	ng		99
34) Hexachlorobutadiene	10.927	225	467914	48.461	ng		98
35) Caprolactam	11.592	113	191337	41.276	ng		96
36) 4-Chloro-3-methylphenol	11.916	107	649509	41.334	ng		98
37) 2-Methylnaphthalene	12.269	142	1597635	41.831	ng		99
38) 1-Methylnaphthalene	12.486	142	1497211	40.120	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	809739	50.736	ng		99
41) Hexachlorocyclopentadiene	12.604	237	998807	131.352	ng		100
43) 2,4,6-Trichlorophenol	12.886	196	511018	46.512	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	540724	44.615	ng	98
46) 1,1'-Biphenyl	13.286	154	2004697	46.800	ng	99
47) 2-Chloronaphthalene	13.327	162	1543088	45.268	ng	100
48) 2-Nitroaniline	13.545	65	414160	42.044	ng	98
49) Acenaphthylene	14.174	152	2339236	44.207	ng	99
50) Dimethylphthalate	13.921	163	1707063	42.104	ng	99
51) 2,6-Dinitrotoluene	14.045	165	378516	44.085	ng	97
52) Acenaphthene	14.515	154	1396786	42.698	ng	99
53) 3-Nitroaniline	14.374	138	278427	29.027	ng	96
54) 2,4-Dinitrophenol	14.586	184	411855	73.427	ng	95
55) Dibenzofuran	14.851	168	2174740	43.161	ng	100
56) 4-Nitrophenol	14.698	139	618310	80.803	ng	97
57) 2,4-Dinitrotoluene	14.833	165	504794	44.680	ng	97
58) Fluorene	15.498	166	1770992	42.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	438075	43.125	ng	98
60) Diethylphthalate	15.280	149	1656870	42.046	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	859332	44.164	ng	99
62) 4-Nitroaniline	15.539	138	353799m	36.778	ng	
63) Azobenzene	15.786	77	1596942	41.137	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	249171	38.748	ng	99
66) n-Nitrosodiphenylamine	15.715	169	1427308	44.535	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	501739	47.155	ng	99
68) Hexachlorobenzene	16.498	284	613447	47.640	ng	94
69) Atrazine	16.668	200	459366	56.965	ng	99
70) Pentachlorophenol	16.851	266	699419	93.345	ng	99
71) Phenanthrene	17.239	178	2474446	42.064	ng	100
72) Anthracene	17.327	178	2514139	45.145	ng	99
73) Carbazole	17.609	167	2216091	43.382	ng	100
74) Di-n-butylphthalate	18.168	149	2679944	47.511	ng	99
75) Fluoranthene	19.256	202	2686446	43.203	ng	98
77) Benzidine	19.456	184	1358486	103.804	ng	99
78) Pyrene	19.621	202	2812614	41.675	ng	100
80) Butylbenzylphthalate	20.521	149	1142763	47.414	ng	96
81) Benzo(a)anthracene	21.368	228	2628308	42.064	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	873316	47.588	ng	98
83) Chrysene	21.421	228	2487730	41.325	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	1688580	52.200	ng	99
85) Di-n-octyl phthalate	22.197	149	2728615	53.559	ng	98
87) Indeno(1,2,3-cd)pyrene	26.144	276	3451651	47.195	ng	98
88) Benzo(b)fluoranthene	23.009	252	2705334	43.625	ng	99
89) Benzo(k)fluoranthene	23.056	252	2618296	41.393	ng	98
90) Benzo(a)pyrene	23.615	252	2343567	46.382	ng	99
91) Dibenzo(a,h)anthracene	26.150	278	2947699	48.534	ng	99
92) Benzo(g,h,i)perylene	26.885	276	2935318	49.658	ng	97

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

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