Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037471.D
Acq On : 11 Nov 2022 17:39
Operator : CG/JU
Sample : PB148855BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 22:57:06 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

Instrument :
BNA_M
ClientSampleId :
PB148855BS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	284300	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1087184	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	583852	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1027795	20.000	ng		0.00
76) Chrysene-d12	21.380	240	837006	20.000	ng		0.00
86) Perylene-d12	23.715	264	744585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2279598	138.527	ng		0.00
7) Phenol-d6	6.993	99	2906475	130.135	ng		0.00
23) Nitrobenzene-d5	8.981	82	1800534	83.557	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1102496	160.235	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	3887967	88.480	ng		0.00
79) Terphenyl-d14	19.821	244	4756943	101.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	214223	31.791	ng		95
3) Pyridine	3.663	79	573608	28.573	ng		98
4) n-Nitrosodimethylamine	3.575	42	344423	39.252	ng		94
6) Aniline	7.140	93	1059789	38.815	ng		100
8) 2-Chlorophenol	7.369	128	904834	45.177	ng		100
9) Benzaldehyde	6.951	77	341201	30.181	ng		99
10) Phenol	7.016	94	1047707	41.865	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	835729	41.652	ng		98
12) 1,3-Dichlorobenzene	7.693	146	961011	43.910	ng		98
13) 1,4-Dichlorobenzene	7.840	146	993476	44.007	ng		100
14) 1,2-Dichlorobenzene	8.157	146	950263	43.827	ng		99
15) Benzyl Alcohol	8.063	79	712817	44.641	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1144803	40.021	ng		98
17) 2-Methylphenol	8.263	107	699921	42.796	ng		99
18) Hexachloroethane	8.875	117	364972	45.841	ng		98
19) n-Nitroso-di-n-propyla...	8.622	70	616477	40.270	ng		99
20) 3+4-Methylphenols	8.598	107	926498	41.243	ng		99
22) Acetophenone	8.640	105	1255577	44.433	ng	#	99
24) Nitrobenzene	9.022	77	915354	41.899	ng		98
25) Isophorone	9.545	82	1605994	44.593	ng		99
26) 2-Nitrophenol	9.728	139	467317	47.782	ng		98
27) 2,4-Dimethylphenol	9.792	122	729302	50.246	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	1020814	45.557	ng		99
29) 2,4-Dichlorophenol	10.263	162	765638	45.952	ng		97
30) 1,2,4-Trichlorobenzene	10.469	180	827955	43.820	ng		99
31) Naphthalene	10.657	128	2545599	41.328	ng		99
32) Benzoic acid	9.963	122	542120	42.051	ng		95
33) 4-Chloroaniline	10.781	127	652918	26.611	ng		99
34) Hexachlorobutadiene	10.928	225	494284	46.849	ng		98
35) Caprolactam	11.604	113	213274	42.105	ng		97
36) 4-Chloro-3-methylphenol	11.916	107	726728	42.325	ng		98
37) 2-Methylnaphthalene	12.269	142	1710863	40.996	ng		98
38) 1-Methylnaphthalene	12.492	142	1633625	40.062	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	873288	49.747	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1117688	133.632	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	576540	47.708	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	620658	46.558	ng	99
46) 1,1'-Biphenyl	13.286	154	2164398	45.938	ng	99
47) 2-Chloronaphthalene	13.327	162	1658956	44.246	ng	99
48) 2-Nitroaniline	13.545	65	465400	42.953	ng	99
49) Acenaphthylene	14.174	152	2521636	43.325	ng	100
50) Dimethylphthalate	13.922	163	1882628	42.215	ng	100
51) 2,6-Dinitrotoluene	14.045	165	416733	44.127	ng	97
52) Acenaphthene	14.516	154	1518179	42.192	ng	99
53) 3-Nitroaniline	14.374	138	335122	31.763	ng	98
54) 2,4-Dinitrophenol	14.586	184	520523	83.409	ng	95
55) Dibenzofuran	14.851	168	2353583	42.467	ng	99
56) 4-Nitrophenol	14.698	139	726066	86.264	ng	98
57) 2,4-Dinitrotoluene	14.833	165	555384	44.692	ng	97
58) Fluorene	15.498	166	1939238	41.920	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	499609	44.714	ng	96
60) Diethylphthalate	15.280	149	1836413	42.368	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	939819	43.912	ng	99
62) 4-Nitroaniline	15.539	138	383950m	36.286	ng	
63) Azobenzene	15.786	77	1742543	40.810	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	293313	41.648	ng	100
66) n-Nitrosodiphenylamine	15.716	169	1581760	45.531	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	553935	48.027	ng	99
68) Hexachlorobenzene	16.498	284	673682	48.264	ng	94
69) Atrazine	16.674	200	519562	59.439	ng	99
70) Pentachlorophenol	16.851	266	809979	99.726	ng	99
71) Phenanthrene	17.239	178	2708239	42.472	ng	100
72) Anthracene	17.327	178	2753659	45.615	ng	99
73) Carbazole	17.610	167	2402842	43.393	ng	100
74) Di-n-butylphthalate	18.168	149	2962148	48.446	ng	99
75) Fluoranthene	19.256	202	2874806	42.650	ng	98
77) Benzidine	19.456	184	651368	52.189	ng	100
78) Pyrene	19.621	202	2953692	45.891	ng	100
80) Butylbenzylphthalate	20.521	149	1174169	51.083	ng	97
81) Benzo(a)anthracene	21.368	228	2593271	43.519	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	893073	51.028	ng	99
83) Chrysene	21.415	228	2424886	42.238	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1684232	54.594	ng	98
85) Di-n-octyl phthalate	22.197	149	2620165	53.928	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	2933748	48.122	ng	98
88) Benzo(b)fluoranthene	23.009	252	2517837	48.707	ng	98
89) Benzo(k)fluoranthene	23.056	252	2375996	45.061	ng	98
90) Benzo(a)pyrene	23.615	252	2134758	50.685	ng	98
91) Dibenzo(a,h)anthracene	26.150	278	2568319	50.730	ng	98
92) Benzo(g,h,i)perylene	26.880	276	2600416	52.775	ng	98

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

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