Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046708.D
Acq On : 18 Jul 2024 18:41
Operator : MA/JU
Sample : P3246-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-01MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 19 01:13:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 06:01:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.487	152	107870	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	373995	20.000	ng		0.00
39) Acenaphthene-d10	14.133	164	229253	20.000	ng		0.00
64) Phenanthrene-d10	16.886	188	433628	20.000	ng		0.00
76) Chrysene-d12	21.115	240	362520	20.000	ng		0.00
86) Perylene-d12	23.880	264	435235	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.140	112	732442	137.916	ng		0.00
7) Phenol-d6	6.693	99	803035	118.748	ng		0.00
23) Nitrobenzene-d5	8.634	82	682142	94.698	ng		0.00
42) 2,4,6-Tribromophenol	15.633	330	437689	123.087	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	1674492	103.173	ng		0.00
79) Terphenyl-d14	19.545	244	2138785	106.692	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	68981	42.798	ng	#	39
3) Pyridine	3.528	79	155675	32.955	ng		98
4) n-Nitrosodimethylamine	3.434	42	175879	50.264	ng		95
6) Aniline	6.834	93	121416	20.774	ng		96
8) 2-Chlorophenol	7.063	128	306866	51.621	ng		99
9) Benzaldehyde	6.645	77	12168	2.948	ng		94
10) Phenol	6.716	94	298121	45.363	ng		95
11) bis(2-Chloroethyl)ether	6.934	93	253269	51.872	ng		97
12) 1,3-Dichlorobenzene	7.381	146	362314	46.147	ng		99
13) 1,4-Dichlorobenzene	7.522	146	372394	46.703	ng		99
14) 1,2-Dichlorobenzene	7.834	146	360550	47.464	ng		99
15) Benzyl Alcohol	7.734	79	283236	51.424	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.010	45	275020	53.882	ng		98
17) 2-Methylphenol	7.945	107	226680	48.427	ng		98
18) Hexachloroethane	8.545	117	138756	47.919	ng		97
19) n-Nitroso-di-n-propyla...	8.298	70	211705	49.591	ng		97
20) 3+4-Methylphenols	8.269	107	303699	47.224	ng		98
22) Acetophenone	8.304	105	413496	48.081	ng		99
24) Nitrobenzene	8.675	77	341355	48.328	ng		100
25) Isophorone	9.204	82	559954	51.687	ng		100
26) 2-Nitrophenol	9.375	139	177638	52.503	ng		96
27) 2,4-Dimethylphenol	9.457	122	207932	56.602	ng		95
28) bis(2-Chloroethoxy)met...	9.686	93	325673	52.733	ng		99
29) 2,4-Dichlorophenol	9.910	162	333406	50.529	ng		97
30) 1,2,4-Trichlorobenzene	10.116	180	402922	49.846	ng		99
31) Naphthalene	10.298	128	925343	49.805	ng		100
32) Benzoic acid	9.610	122	165123	36.904	ng		87
33) 4-Chloroaniline	10.416	127	36937	5.336	ng		96
34) Hexachlorobutadiene	10.592	225	264170	48.311	ng		98
35) Caprolactam	11.216	113	55111m	31.537	ng		
36) 4-Chloro-3-methylphenol	11.563	107	280499	46.075	ng		94
37) 2-Methylnaphthalene	11.922	142	679957	48.195	ng		100
38) 1-Methylnaphthalene	12.145	142	624987	45.095	ng		99
40) 1,2,4,5-Tetrachloroben...	12.298	216	413792	55.505	ng	#	99
41) Hexachlorocyclopentadiene	12.280	237	488149	267.627	ng		95
43) 2,4,6-Trichlorophenol	12.551	196	277961	56.643	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	288108	52.656	ng	99
46) 1,1'-Biphenyl	12.963	154	851347	53.377	ng	100
47) 2-Chloronaphthalene	12.992	162	746209	56.586	ng	100
48) 2-Nitroaniline	13.210	65	184761	53.399	ng	99
49) Acenaphthylene	13.851	152	1101600	60.128	ng	100
50) Dimethylphthalate	13.610	163	850811	53.663	ng	98
51) 2,6-Dinitrotoluene	13.722	165	182895	49.903	ng	98
52) Acenaphthene	14.198	154	639480	54.431	ng	99
53) 3-Nitroaniline	14.045	138	64126	19.332	ng	93
54) 2,4-Dinitrophenol	14.257	184	225965	103.994	ng	98
55) Dibenzofuran	14.539	168	1070368	53.828	ng	99
56) 4-Nitrophenol	14.380	139	250006	86.850	ng	96
57) 2,4-Dinitrotoluene	14.516	165	251124	47.314	ng	98
58) Fluorene	15.192	166	852178	50.143	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.774	232	246479	48.912	ng	99
60) Diethylphthalate	14.992	149	821581	50.232	ng	99
61) 4-Chlorophenyl-phenyle...	15.198	204	473868	51.845	ng	98
62) 4-Nitroaniline	15.221	138	154349	41.269	ng	97
63) Azobenzene	15.486	77	699317	52.661	ng	98
65) 4,6-Dinitro-2-methylph...	15.280	198	153169	67.977	ng	95
66) n-Nitrosodiphenylamine	15.416	169	706439	62.820	ng	99
67) 4-Bromophenyl-phenylether	16.092	248	294309	60.098	ng	97
68) Hexachlorobenzene	16.198	284	342096	57.838	ng	95
69) Atrazine	16.380	200	185894	47.097	ng	98
70) Pentachlorophenol	16.545	266	417942	99.598	ng	98
71) Phenanthrene	16.927	178	1240945	57.626	ng	99
72) Anthracene	17.021	178	1253407	58.830	ng	99
73) Carbazole	17.298	167	1077340	53.436	ng	100
74) Di-n-butylphthalate	17.886	149	1216463	53.967	ng	99
75) Fluoranthene	18.956	202	1359412	49.126	ng	99
77) Benzidine	19.151	184	72256	9.961	ng	99
78) Pyrene	19.321	202	1378860	53.428	ng	100
80) Butylbenzylphthalate	20.256	149	496797	53.292	ng	99
81) Benzo(a)anthracene	21.097	228	1363469	56.836	ng	99
82) 3,3'-Dichlorobenzidine	21.039	252	289967	34.781	ng	100
83) Chrysene	21.156	228	1282266	57.329	ng	99
84) Bis(2-ethylhexyl)phtha...	21.062	149	643397	51.752	ng	98
85) Di-n-octyl phthalate	22.121	149	1099298	52.459	ng	99
87) Indeno(1,2,3-cd)pyrene	26.962	276	1818011	64.472	ng	99
88) Benzo(b)fluoranthene	23.021	252	1491688	55.665	ng	100
89) Benzo(k)fluoranthene	23.080	252	1456729	57.593	ng	99
90) Benzo(a)pyrene	23.756	252	1417984	61.167	ng	99
91) Dibenzo(a,h)anthracene	27.015	278	1473638	62.963	ng	100
92) Benzo(g,h,i)perylene	27.921	276	1483148	61.411	ng	99

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

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