Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046709.D
Acq On : 18 Jul 2024 19:21
Operator : MA/JU
Sample : P3246-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 19 01:14:37 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	105382	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	374186	20.000	ng		0.00
39) Acenaphthene-d10	14.133	164	244265	20.000	ng		0.00
64) Phenanthrene-d10	16.886	188	456718	20.000	ng		0.00
76) Chrysene-d12	21.115	240	337673	20.000	ng	#	0.00
86) Perylene-d12	23.880	264	420226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.140	112	747339	144.044	ng		0.00
7) Phenol-d6	6.693	99	837346	126.745	ng		0.00
23) Nitrobenzene-d5	8.634	82	705258	97.857	ng		0.00
42) 2,4,6-Tribromophenol	15.639	330	491739	129.789	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	1848968	106.922	ng		0.00
79) Terphenyl-d14	19.545	244	2214202	118.581	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	63928	40.599	ng	#	34
3) Pyridine	3.528	79	160647	34.811	ng		100
4) n-Nitrosodimethylamine	3.434	42	181944	53.225	ng		99
6) Aniline	6.834	93	110368	19.329	ng		97
8) 2-Chlorophenol	7.063	128	314621	54.175	ng		98
9) Benzaldehyde	6.645	77	11184	2.773	ng		90
10) Phenol	6.722	94	303957	47.342	ng		95
11) bis(2-Chloroethyl)ether	6.934	93	258400	54.172	ng		97
12) 1,3-Dichlorobenzene	7.381	146	366260	47.751	ng		100
13) 1,4-Dichlorobenzene	7.522	146	373010	47.884	ng		98
14) 1,2-Dichlorobenzene	7.834	146	356776	48.077	ng		97
15) Benzyl Alcohol	7.734	79	298280	55.434	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.010	45	278346	55.822	ng		99
17) 2-Methylphenol	7.945	107	235323	51.460	ng		98
18) Hexachloroethane	8.545	117	139881	49.448	ng		94
19) n-Nitroso-di-n-propyla...	8.298	70	219451	52.619	ng		99
20) 3+4-Methylphenols	8.269	107	318433	50.684	ng		98
22) Acetophenone	8.304	105	429962	49.970	ng	#	99
24) Nitrobenzene	8.675	77	356245	50.410	ng		98
25) Isophorone	9.204	82	594464	54.844	ng		99
26) 2-Nitrophenol	9.375	139	184397	54.473	ng		97
27) 2,4-Dimethylphenol	9.457	122	224111	60.975	ng		96
28) bis(2-Chloroethoxy)met...	9.686	93	346279	56.041	ng		98
29) 2,4-Dichlorophenol	9.910	162	353341	53.523	ng		97
30) 1,2,4-Trichlorobenzene	10.116	180	418236	51.714	ng		99
31) Naphthalene	10.298	128	973451	52.368	ng		99
32) Benzoic acid	9.616	122	173494	38.755	ng		96
33) 4-Chloroaniline	10.416	127	43227	6.241	ng		93
34) Hexachlorobutadiene	10.592	225	279415	51.073	ng		97
35) Caprolactam	11.216	113	61891	35.399	ng		94
36) 4-Chloro-3-methylphenol	11.563	107	300336	49.308	ng		98
37) 2-Methylnaphthalene	11.922	142	722895	51.212	ng		100
38) 1-Methylnaphthalene	12.145	142	677025	48.824	ng		99
40) 1,2,4,5-Tetrachloroben...	12.298	216	447161	56.295	ng	#	98
41) Hexachlorocyclopentadiene	12.280	237	538573	277.125	ng		96
43) 2,4,6-Trichlorophenol	12.551	196	305133	58.359	ng		98

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44) 2,4,5-Trichlorophenol	12.627	196	324583	55.676	ng		99
46) 1,1'-Biphenyl	12.963	154	940153	55.322	ng		99
47) 2-Chloronaphthalene	12.998	162	804231	57.237	ng		98
48) 2-Nitroaniline	13.210	65	202837	55.021	ng		96
49) Acenaphthylene	13.851	152	1210300	62.001	ng		99
50) Dimethylphthalate	13.610	163	962509	56.978	ng		98
51) 2,6-Dinitrotoluene	13.722	165	206380	52.850	ng		99
52) Acenaphthene	14.198	154	703087	56.167	ng		97
53) 3-Nitroaniline	14.045	138	69783	19.744	ng		99
54) 2,4-Dinitrophenol	14.263	184	252497	108.802	ng		97
55) Dibenzofuran	14.539	168	1186114	55.983	ng		100
56) 4-Nitrophenol	14.386	139	264672	86.294	ng		98
57) 2,4-Dinitrotoluene	14.516	165	279049	49.344	ng	#	98
58) Fluorene	15.192	166	966000	53.348	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.774	232	273875	51.009	ng		98
60) Diethylphthalate	14.992	149	922372	52.929	ng		99
61) 4-Chlorophenyl-phenyle...	15.198	204	530251	54.448	ng		99
62) 4-Nitroaniline	15.221	138	167223	41.963	ng		97
63) Azobenzene	15.492	77	781164	55.209	ng		99
65) 4,6-Dinitro-2-methylph...	15.280	198	168448	70.978	ng		93
66) n-Nitrosodiphenylamine	15.416	169	796421	67.241	ng		97
67) 4-Bromophenyl-phenylether	16.092	248	336801	65.298	ng		98
68) Hexachlorobenzene	16.198	284	383598	61.576	ng		98
69) Atrazine	16.380	200	201753	48.531	ng		96
70) Pentachlorophenol	16.545	266	463146	104.790	ng		99
71) Phenanthrene	16.933	178	1366377	60.243	ng		99
72) Anthracene	17.021	178	1370894	61.092	ng		100
73) Carbazole	17.298	167	1149259	54.122	ng		100
74) Di-n-butylphthalate	17.886	149	1339193	56.408	ng		100
75) Fluoranthene	18.956	202	1416886	48.615	ng		98
77) Benzidine	19.151	184	90953	13.461	ng		96
78) Pyrene	19.321	202	1434046	59.655	ng		99
80) Butylbenzylphthalate	20.256	149	499990	57.581	ng		100
81) Benzo(a)anthracene	21.097	228	1345252	60.203	ng		100
82) 3,3'-Dichlorobenzidine	21.039	252	285611	36.779	ng		100
83) Chrysene	21.156	228	1271504	61.031	ng		99
84) Bis(2-ethylhexyl)phtha...	21.062	149	651584	56.267	ng		99
85) Di-n-octyl phthalate	22.121	149	1063640	54.493	ng		100
87) Indeno(1,2,3-cd)pyrene	26.962	276	1822531	66.941	ng	#	97
88) Benzo(b)fluoranthene	23.015	252	1474391	56.985	ng		100
89) Benzo(k)fluoranthene	23.074	252	1437599	58.867	ng		99
90) Benzo(a)pyrene	23.756	252	1410432	63.014	ng		99
91) Dibenzo(a,h)anthracene	27.021	278	1466641	64.902	ng		99
92) Benzo(g,h,i)perylene	27.915	276	1490546	63.922	ng		99

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

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