Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046713.D
Acq On : 18 Jul 2024 22:01
Operator : MA/JU
Sample : P3246-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-02MS

Quant Time: Jul 19 01:16:15 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	116468	20.000	ng		0.00
21) Naphthalene-d8	10.246	136	423278	20.000	ng		0.00
39) Acenaphthene-d10	14.134	164	278352	20.000	ng		0.00
64) Phenanthrene-d10	16.886	188	511900	20.000	ng		0.00
76) Chrysene-d12	21.116	240	370439	20.000	ng		0.00
86) Perylene-d12	23.874	264	472284	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	673311	117.423	ng		0.00
7) Phenol-d6	6.693	99	810679	111.028	ng		0.00
23) Nitrobenzene-d5	8.634	82	581039	71.271	ng		0.00
42) 2,4,6-Tribromophenol	15.634	330	415067	96.136	ng		0.00
45) 2-Fluorobiphenyl	12.746	172	1516464	76.955	ng		0.00
79) Terphenyl-d14	19.539	244	1640576	80.089	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	69003	39.651	ng		94
3) Pyridine	3.511	79	194930	38.219	ng		96
4) n-Nitrosodimethylamine	3.429	42	192449	50.940	ng		99
6) Aniline	6.828	93	250994	39.774	ng		99
8) 2-Chlorophenol	7.064	128	342645	53.385	ng		99
9) Benzaldehyde	6.640	77	28334	6.357	ng		94
10) Phenol	6.717	94	359182	50.619	ng		95
11) bis(2-Chloroethyl)ether	6.928	93	271271	51.458	ng		100
12) 1,3-Dichlorobenzene	7.375	146	413002	48.720	ng		99
13) 1,4-Dichlorobenzene	7.522	146	416951	48.430	ng		98
14) 1,2-Dichlorobenzene	7.828	146	398532	48.592	ng		100
15) Benzyl Alcohol	7.734	79	310578	52.225	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.011	45	300660	54.557	ng		97
17) 2-Methylphenol	7.940	107	253243	50.107	ng		97
18) Hexachloroethane	8.546	117	160096	51.207	ng		97
19) n-Nitroso-di-n-propyla...	8.299	70	231382	50.199	ng		98
20) 3+4-Methylphenols	8.269	107	343881	49.524	ng		98
22) Acetophenone	8.305	105	450546	46.290	ng		98
24) Nitrobenzene	8.675	77	380066	47.543	ng		97
25) Isophorone	9.199	82	612951	49.991	ng		99
26) 2-Nitrophenol	9.375	139	196871	51.413	ng		96
27) 2,4-Dimethylphenol	9.458	122	228621	54.988	ng		98
28) bis(2-Chloroethoxy)met...	9.687	93	358074	51.228	ng		99
29) 2,4-Dichlorophenol	9.910	162	373633	50.032	ng		98
30) 1,2,4-Trichlorobenzene	10.116	180	448036	48.974	ng		100
31) Naphthalene	10.299	128	1029411	48.956	ng		99
32) Benzoic acid	9.616	122	189700	37.460	ng		96
33) 4-Chloroaniline	10.416	127	135752	17.327	ng		97
34) Hexachlorobutadiene	10.587	225	299570	48.406	ng		98
35) Caprolactam	11.216	113	72756	36.787	ng		98
36) 4-Chloro-3-methylphenol	11.563	107	314327	45.620	ng		100
37) 2-Methylnaphthalene	11.922	142	763326	47.805	ng		99
38) 1-Methylnaphthalene	12.146	142	705025	44.947	ng		100
40) 1,2,4,5-Tetrachloroben...	12.299	216	465212	51.395	ng	#	99
41) Hexachlorocyclopentadiene	12.281	237	567541	256.268	ng		95
43) 2,4,6-Trichlorophenol	12.551	196	318639	53.479	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.628	196	328651	49.471	ng		98
46) 1,1'-Biphenyl	12.957	154	964623	49.811	ng		99
47) 2-Chloronaphthalene	12.993	162	835254	52.166	ng		99
48) 2-Nitroaniline	13.210	65	207091	49.295	ng		98
49) Acenaphthylene	13.851	152	1244469	55.945	ng		99
50) Dimethylphthalate	13.610	163	966894	50.228	ng		98
51) 2,6-Dinitrotoluene	13.722	165	207226	46.568	ng		99
52) Acenaphthene	14.198	154	721329	50.567	ng		99
53) 3-Nitroaniline	14.045	138	133882	33.242	ng		98
54) 2,4-Dinitrophenol	14.257	184	248842	94.821	ng		98
55) Dibenzofuran	14.540	168	1201237	49.754	ng		98
56) 4-Nitrophenol	14.387	139	289782	82.911	ng		93
57) 2,4-Dinitrotoluene	14.516	165	280428	43.515	ng	#	98
58) Fluorene	15.187	166	981030	47.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.769	232	284636	46.521	ng		100
60) Diethylphthalate	14.987	149	928423	46.752	ng		99
61) 4-Chlorophenyl-phenyle...	15.192	204	530011	47.759	ng		98
62) 4-Nitroaniline	15.216	138	177796	39.153	ng		98
63) Azobenzene	15.487	77	786658	48.789	ng		98
65) 4,6-Dinitro-2-methylph...	15.281	198	171253	64.381	ng		97
66) n-Nitrosodiphenylamine	15.410	169	812290	61.188	ng		97
67) 4-Bromophenyl-phenylether	16.087	248	332988	57.599	ng		97
68) Hexachlorobenzene	16.192	284	377333	54.041	ng		99
69) Atrazine	16.381	200	254785	54.680	ng		95
70) Pentachlorophenol	16.545	266	457937	92.443	ng		99
71) Phenanthrene	16.928	178	1357980	53.419	ng		99
72) Anthracene	17.022	178	1353613	53.819	ng		99
73) Carbazole	17.292	167	1131530	47.543	ng		99
74) Di-n-butylphthalate	17.886	149	1306979	49.117	ng		99
75) Fluoranthene	18.957	202	1373680	42.051	ng		100
77) Benzidine	19.151	184	429299	57.915	ng		99
78) Pyrene	19.322	202	1371244	51.997	ng		99
80) Butylbenzylphthalate	20.251	149	474489	49.811	ng		99
81) Benzo(a)anthracene	21.098	228	1297533	52.931	ng		100
82) 3,3'-Dichlorobenzidine	21.033	252	407775	47.866	ng		99
83) Chrysene	21.157	228	1211732	53.017	ng		100
84) Bis(2-ethylhexyl)phtha...	21.057	149	630256	49.611	ng		99
85) Di-n-octyl phthalate	22.116	149	1066327	49.798	ng		99
87) Indeno(1,2,3-cd)pyrene	26.956	276	1853611	60.578	ng	#	97
88) Benzo(b)fluoranthene	23.015	252	1480917	50.928	ng		100
89) Benzo(k)fluoranthene	23.074	252	1391586	50.702	ng		99
90) Benzo(a)pyrene	23.751	252	1403127	55.778	ng		98
91) Dibenzo(a,h)anthracene	27.015	278	1486235	58.520	ng		100
92) Benzo(g,h,i)perylene	27.915	276	1475326	56.295	ng		98

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

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