Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042462.D
Acq On : 26 Oct 2023 21:01
Operator : MA/JU
Sample : 05010-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
343MS

Quant Time: Oct 27 00:46:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	193813	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	765406	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	419248	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	786860	20.000	ng		0.00
76) Chrysene-d12	21.568	240	517759	20.000	ng		-0.01
86) Perylene-d12	24.033	264	570737	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1718492	125.315	ng		0.00
7) Phenol-d6	7.157	99	2078314	113.090	ng		0.00
23) Nitrobenzene-d5	9.198	82	1645324	95.055	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	798541	169.450	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	3195263	102.631	ng		0.00
79) Terphenyl-d14	20.004	244	3745375	128.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	230747	35.734	ng	#	53
3) Pyridine	3.828	79	532422	28.103	ng		97
4) n-Nitrosodimethylamine	3.746	42	355532	37.168	ng		91
6) Aniline	7.340	93	485570	20.752	ng		98
8) 2-Chlorophenol	7.551	128	692764	50.911	ng		95
9) Benzaldehyde	7.157	77	148840	13.905	ng		99
10) Phenol	7.181	94	779304	41.039	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	706631	45.324	ng		97
12) 1,3-Dichlorobenzene	7.875	146	686077	48.746	ng		98
13) 1,4-Dichlorobenzene	8.034	146	708868	50.034	ng		97
14) 1,2-Dichlorobenzene	8.345	146	688848	50.635	ng		97
15) Benzyl Alcohol	8.257	79	674700	49.526	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1118332	45.333	ng		99
17) 2-Methylphenol	8.440	107	575220	45.904	ng		98
18) Hexachloroethane	9.057	117	268963	49.313	ng	#	88
19) n-Nitroso-di-n-propyla...	8.816	70	588592	47.254	ng		97
20) 3+4-Methylphenols	8.775	107	762374	45.359	ng		97
22) Acetophenone	8.845	105	1057824	50.659	ng	#	97
24) Nitrobenzene	9.239	77	842273	48.639	ng		97
25) Isophorone	9.751	82	1551214	52.734	ng		97
26) 2-Nitrophenol	9.939	139	378346	56.272	ng		95
27) 2,4-Dimethylphenol	9.981	122	579937	48.604	ng		98
28) bis(2-Chloroethoxy)met...	10.234	93	946642	50.794	ng		99
29) 2,4-Dichlorophenol	10.463	162	643958	62.061	ng		96
30) 1,2,4-Trichlorobenzene	10.669	180	673755	60.569	ng		97
31) Naphthalene	10.869	128	2047453	52.079	ng		100
32) Benzoic acid	10.110	122	245183	30.302	ng		99
33) 4-Chloroaniline	11.004	127	144679	8.476	ng		98
34) Hexachlorobutadiene	11.092	225	406248	67.490	ng		98
35) Caprolactam	11.845	113	163068	40.629	ng	#	88
36) 4-Chloro-3-methylphenol	12.104	107	678853	54.215	ng		97
37) 2-Methylnaphthalene	12.469	142	1366422	51.631	ng		99
38) 1-Methylnaphthalene	12.692	142	1322003	53.321	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	755626	62.344	ng	#	97
41) Hexachlorocyclopentadiene	12.763	237	618939	93.372	ng		99
43) 2,4,6-Trichlorophenol	13.075	196	498822	63.577	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	529064	57.042	ng	#	93
46) 1,1'-Biphenyl	13.475	154	1787092	53.732	ng		98
47) 2-Chloronaphthalene	13.527	162	1342620	55.024	ng		98
48) 2-Nitroaniline	13.763	65	473835	44.260	ng		90
49) Acenaphthylene	14.369	152	2180850	55.361	ng		100
50) Dimethylphthalate	14.104	163	1658810	53.942	ng		99
51) 2,6-Dinitrotoluene	14.251	165	358202	51.372	ng		85
52) Acenaphthene	14.704	154	1245275	52.287	ng		99
53) 3-Nitroaniline	14.586	138	206763	26.670	ng		98
54) 2,4-Dinitrophenol	14.792	184	265494	63.593	ng		89
55) Dibenzofuran	15.039	168	1974463	52.416	ng		97
56) 4-Nitrophenol	14.880	139	551945	88.125	ng		91
57) 2,4-Dinitrotoluene	15.033	165	464950	49.891	ng		86
58) Fluorene	15.686	166	1562202	52.556	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	441644	63.385	ng		88
60) Diethylphthalate	15.451	149	1585846	52.257	ng		97
61) 4-Chlorophenyl-phenyle...	15.674	204	819992	58.577	ng		93
62) 4-Nitroaniline	15.751	138	317122	40.762	ng		96
63) Azobenzene	15.968	77	1719654	47.231	ng		96
65) 4,6-Dinitro-2-methylph...	15.780	198	193558	39.714	ng		82
66) n-Nitrosodiphenylamine	15.904	169	1324209	55.874	ng		98
67) 4-Bromophenyl-phenylether	16.574	248	482416	66.150	ng		93
68) Hexachlorobenzene	16.657	284	540739	69.367	ng	#	92
69) Atrazine	16.851	200	471066	78.379	ng		98
70) Pentachlorophenol	17.021	266	700278	105.543	ng		99
71) Phenanthrene	17.433	178	2276871	53.191	ng		100
72) Anthracene	17.527	178	2279296	53.765	ng		99
73) Carbazole	17.810	167	2013859	50.637	ng		99
74) Di-n-butylphthalate	18.327	149	2619553	51.780	ng		99
75) Fluoranthene	19.445	202	2362734	50.118	ng		97
77) Benzidine	19.651	184	800088	106.835	ng		99
78) Pyrene	19.809	202	2394448	66.180	ng		100
80) Butylbenzylphthalate	20.686	149	1011814	60.764	ng		92
81) Benzo(a)anthracene	21.556	228	1947522	56.109	ng		100
82) 3,3'-Dichlorobenzidine	21.492	252	514619	49.667	ng		98
83) Chrysene	21.609	228	1747386	52.416	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1425185	60.205	ng	#	95
85) Di-n-octyl phthalate	22.374	149	2210499	54.393	ng		95
87) Indeno(1,2,3-cd)pyrene	26.627	276	2234343	53.569	ng	#	93
88) Benzo(b)fluoranthene	23.274	252	1877320	54.646	ng		97
89) Benzo(k)fluoranthene	23.327	252	1739036	48.757	ng	#	97
90) Benzo(a)pyrene	23.927	252	1651675	49.951	ng		97
91) Dibenzo(a,h)anthracene	26.644	278	1855322	53.501	ng		96
92) Benzo(g,h,i)perylene	27.432	276	1788139	53.095	ng	#	93

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

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