Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042455.D
Acq On : 26 Oct 2023 16:36
Operator : MA/JU
Sample : PB156601BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB156601BS

Quant Time: Oct 26 17:17:25 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	134691	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	531083	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	297714	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	586030	20.000	ng		0.00
76) Chrysene-d12	21.574	240	444274	20.000	ng		0.00
86) Perylene-d12	24.038	264	466755	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1215378	127.530	ng		0.00
7) Phenol-d6	7.157	99	1546312	121.075	ng		0.00
23) Nitrobenzene-d5	9.198	82	1016371	84.626	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	541806	162.316	ng		0.00
45) 2-Fluorobiphenyl	13.269	172	2026268	91.652	ng		0.00
79) Terphenyl-d14	20.003	244	2779539	110.956	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	134029	29.867	ng		96
3) Pyridine	3.816	79	361647	27.468	ng		95
4) n-Nitrosodimethylamine	3.740	42	229102	34.464	ng		91
6) Aniline	7.339	93	481615	29.618	ng		97
8) 2-Chlorophenol	7.557	128	421257	44.547	ng		94
9) Benzaldehyde	7.157	77	73759	9.916	ng		99
10) Phenol	7.181	94	539878	40.910	ng		98
11) bis(2-Chloroethyl)ether	7.434	93	430799	39.761	ng		97
12) 1,3-Dichlorobenzene	7.881	146	445970	45.595	ng		96
13) 1,4-Dichlorobenzene	8.039	146	456858	46.401	ng		97
14) 1,2-Dichlorobenzene	8.345	146	436721	46.193	ng		98
15) Benzyl Alcohol	8.257	79	393495	41.563	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	676127	39.438	ng		99
17) 2-Methylphenol	8.439	107	354375	40.693	ng		98
18) Hexachloroethane	9.063	117	180638	47.657	ng	#	90
19) n-Nitroso-di-n-propyla...	8.816	70	350627	40.506	ng		98
20) 3+4-Methylphenols	8.775	107	471009	40.324	ng		98
22) Acetophenone	8.851	105	633734	43.740	ng	#	95
24) Nitrobenzene	9.245	77	512294	42.636	ng		97
25) Isophorone	9.751	82	929285	45.530	ng		98
26) 2-Nitrophenol	9.945	139	227270	49.080	ng		94
27) 2,4-Dimethylphenol	9.980	122	356551	43.067	ng		97
28) bis(2-Chloroethoxy)met...	10.239	93	566636	43.819	ng		98
29) 2,4-Dichlorophenol	10.463	162	388005	53.892	ng		96
30) 1,2,4-Trichlorobenzene	10.675	180	414452	53.697	ng		97
31) Naphthalene	10.875	128	1271577	46.614	ng		100
32) Benzoic acid	10.128	122	298771	49.192	ng		98
33) 4-Chloroaniline	11.010	127	291078	24.577	ng		98
34) Hexachlorobutadiene	11.098	225	254781	61.002	ng		99
35) Caprolactam	11.839	113	122053	43.361	ng		89
36) 4-Chloro-3-methylphenol	12.104	107	412814	47.514	ng		97
37) 2-Methylnaphthalene	12.474	142	838873	45.683	ng		98
38) 1-Methylnaphthalene	12.692	142	813891	47.311	ng		99
40) 1,2,4,5-Tetrachloroben...	12.827	216	453957	52.744	ng		97
41) Hexachlorocyclopentadiene	12.769	237	431957	91.844	ng		99
43) 2,4,6-Trichlorophenol	13.080	196	299559	53.766	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.151	196	324929	49.334	ng	#	93
46) 1,1'-Biphenyl	13.480	154	1082851	45.849	ng		98
47) 2-Chloronaphthalene	13.533	162	826665	47.709	ng		98
48) 2-Nitroaniline	13.763	65	291151	38.788	ng		91
49) Acenaphthylene	14.374	152	1363206	48.732	ng		100
50) Dimethylphthalate	14.110	163	1012946	46.386	ng		99
51) 2,6-Dinitrotoluene	14.251	165	220356	44.890	ng		85
52) Acenaphthene	14.710	154	777765	45.988	ng		99
53) 3-Nitroaniline	14.592	138	181214	32.151	ng		96
54) 2,4-Dinitrophenol	14.798	184	287020	92.547	ng		90
55) Dibenzofuran	15.045	168	1238334	46.294	ng		98
56) 4-Nitrophenol	14.880	139	397872	89.458	ng		93
57) 2,4-Dinitrotoluene	15.033	165	289801	44.288	ng		86
58) Fluorene	15.692	166	987415	46.779	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	278760	56.340	ng		89
60) Diethylphthalate	15.451	149	992442	46.053	ng		97
61) 4-Chlorophenyl-phenyle...	15.680	204	506013	50.904	ng		93
62) 4-Nitroaniline	15.751	138	213886	38.906	ng		97
63) Azobenzene	15.974	77	1089471	42.138	ng		95
65) 4,6-Dinitro-2-methylph...	15.786	198	166466	44.918	ng	#	79
66) n-Nitrosodiphenylamine	15.904	169	849076	48.103	ng		98
67) 4-Bromophenyl-phenylether	16.574	248	303249	55.832	ng		95
68) Hexachlorobenzene	16.662	284	348251	59.984	ng	#	91
69) Atrazine	16.851	200	295643	66.048	ng		99
70) Pentachlorophenol	17.021	266	465521	94.848	ng		99
71) Phenanthrene	17.439	178	1499425	47.033	ng		100
72) Anthracene	17.527	178	1506989	47.729	ng		99
73) Carbazole	17.815	167	1369594	46.239	ng		99
74) Di-n-butylphthalate	18.333	149	1729876	46.231	ng		99
75) Fluoranthene	19.445	202	1697712	48.353	ng		98
77) Benzidine	19.656	184	537888	83.704	ng		99
78) Pyrene	19.815	202	1743824	56.170	ng		100
80) Butylbenzylphthalate	20.692	149	741708	52.386	ng		89
81) Benzo(a)anthracene	21.556	228	1471418	49.404	ng		99
82) 3,3'-Dichlorobenzidine	21.497	252	505661	56.874	ng	#	97
83) Chrysene	21.615	228	1341702	46.903	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1032185	51.341	ng		97
85) Di-n-octyl phthalate	22.380	149	1711267	49.486	ng		95
87) Indeno(1,2,3-cd)pyrene	26.632	276	1676389	49.146	ng		94
88) Benzo(b)fluoranthene	23.274	252	1407038	50.081	ng		98
89) Benzo(k)fluoranthene	23.327	252	1284785	44.046	ng		98
90) Benzo(a)pyrene	23.927	252	1213183	44.863	ng		98
91) Dibenzo(a,h)anthracene	26.650	278	1395024	49.190	ng		97
92) Benzo(g,h,i)perylene	27.444	276	1376850	49.991	ng	#	93

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

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