Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
Data File : BM038322.D
Acq On : 27 Dec 2022 18:46
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM122722

Quant Time: Dec 28 01:52:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 01:33:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	72103	20.000	ng		0.00
21) Naphthalene-d8	10.827	136	258543	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	162842	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	365771	20.000	ng		0.00
76) Chrysene-d12	21.556	240	394758	20.000	ng		0.00
86) Perylene-d12	23.997	264	438239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	344316	79.164	ng		0.00
7) Phenol-d6	7.175	99	456042	79.832	ng		0.00
23) Nitrobenzene-d5	9.186	82	478426	81.041	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	210195	84.730	ng		0.00
45) 2-Fluorobiphenyl	13.268	172	1038959	80.285	ng		0.00
79) Terphenyl-d14	19.992	244	1701406	81.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	77166	37.692	ng		98
3) Pyridine	3.822	79	213521	38.333	ng		97
4) n-Nitrosodimethylamine	3.734	42	104641	39.433	ng		98
6) Aniline	7.339	93	289413	39.716	ng		99
8) 2-Chlorophenol	7.575	128	182545	40.131	ng		99
9) Benzaldehyde	7.151	77	159931	39.100	ng		97
10) Phenol	7.204	94	236188	39.820	ng		98
11) bis(2-Chloroethyl)ether	7.434	93	188590	38.738	ng		98
12) 1,3-Dichlorobenzene	7.898	146	200523	39.929	ng		100
13) 1,4-Dichlorobenzene	8.045	146	202934	40.052	ng		97
14) 1,2-Dichlorobenzene	8.369	146	196937	39.713	ng		99
15) Benzyl Alcohol	8.257	79	176205	41.150	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.533	45	257529	37.761	ng		98
17) 2-Methylphenol	8.463	107	165536	39.663	ng		98
18) Hexachloroethane	9.092	117	77894	39.754	ng		97
19) n-Nitroso-di-n-propyla...	8.822	70	164916	39.893	ng		97
20) 3+4-Methylphenols	8.792	107	224102	40.169	ng		97
22) Acetophenone	8.845	105	295580	40.423	ng	#	98
24) Nitrobenzene	9.228	77	244857	39.940	ng		98
25) Isophorone	9.751	82	423141	39.870	ng		99
26) 2-Nitrophenol	9.939	139	100772	42.143	ng		98
27) 2,4-Dimethylphenol	9.998	122	163496	40.991	ng		97
28) bis(2-Chloroethoxy)met...	10.233	93	244551	39.535	ng		99
29) 2,4-Dichlorophenol	10.475	162	181247	41.617	ng		98
30) 1,2,4-Trichlorobenzene	10.686	180	203232	40.574	ng		99
31) Naphthalene	10.874	128	555351	40.426	ng		99
32) Benzoic acid	10.127	122	118306	39.387	ng		97
33) 4-Chloroaniline	10.992	127	242989	41.525	ng		98
34) Hexachlorobutadiene	11.151	225	135167	41.550	ng		99
35) Caprolactam	11.786	113	53607	42.225	ng	#	90
36) 4-Chloro-3-methylphenol	12.110	107	190014	41.340	ng		96
37) 2-Methylnaphthalene	12.480	142	403504	40.953	ng		99
38) 1-Methylnaphthalene	12.698	142	378170	40.759	ng		99
40) 1,2,4,5-Tetrachloroben...	12.845	216	249459	41.474	ng		98
41) Hexachlorocyclopentadiene	12.816	237	141400	42.998	ng		98
43) 2,4,6-Trichlorophenol	13.086	196	163218	41.477	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	191325	41.733	ng	98
46) 1,1'-Biphenyl	13.480	154	519366	40.403	ng	98
47) 2-Chloronaphthalene	13.527	162	411218	40.527	ng	99
48) 2-Nitroaniline	13.733	65	140700	41.277	ng	97
49) Acenaphthylene	14.368	152	647603	40.435	ng	100
50) Dimethylphthalate	14.104	163	518523	40.004	ng	100
51) 2,6-Dinitrotoluene	14.227	165	114162	41.784	ng	99
52) Acenaphthene	14.710	154	385739	39.943	ng	99
53) 3-Nitroaniline	14.557	138	117547	42.084	ng	98
54) 2,4-Dinitrophenol	14.762	184	77953	39.127	ng	94
55) Dibenzofuran	15.039	168	643779	40.045	ng	100
56) 4-Nitrophenol	14.862	139	94767	42.174	ng	96
57) 2,4-Dinitrotoluene	15.010	165	153636	41.313	ng	93
58) Fluorene	15.686	166	533739	40.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.268	232	163684	42.190	ng	97
60) Diethylphthalate	15.451	149	509345	39.467	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	281671	40.430	ng	98
62) 4-Nitroaniline	15.715	138	121108	42.340	ng	95
63) Azobenzene	15.968	77	529416	39.437	ng	99
65) 4,6-Dinitro-2-methylph...	15.774	198	106614	42.934	ng	94
66) n-Nitrosodiphenylamine	15.892	169	452595	41.046	ng	98
67) 4-Bromophenyl-phenylether	16.574	248	170192	41.360	ng	98
68) Hexachlorobenzene	16.686	284	192132	42.146	ng	96
69) Atrazine	16.839	200	157463	41.562	ng	97
70) Pentachlorophenol	17.033	266	142628	43.029	ng	98
71) Phenanthrene	17.427	178	835240	40.918	ng	100
72) Anthracene	17.515	178	857256	41.067	ng	99
73) Carbazole	17.792	167	767553	41.806	ng	99
74) Di-n-butylphthalate	18.339	149	830339	39.605	ng	99
75) Fluoranthene	19.433	202	1045757	41.434	ng	99
77) Benzidine	19.621	184	464208	41.177	ng	99
78) Pyrene	19.797	202	1123705	40.548	ng	100
80) Butylbenzylphthalate	20.686	149	389377	38.450	ng	97
81) Benzo(a)anthracene	21.539	228	1155050	40.566	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	392528	41.304	ng	99
83) Chrysene	21.597	228	1135374	40.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	535689	37.853	ng	98
85) Di-n-octyl phthalate	22.386	149	960594	38.119	ng	100
87) Indeno(1,2,3-cd)pyrene	26.550	276	1317391	41.053	ng	99
88) Benzo(b)fluoranthene	23.250	252	1122357	41.170	ng	100
89) Benzo(k)fluoranthene	23.297	252	1148729	40.606	ng	100
90) Benzo(a)pyrene	23.885	252	1100483	41.109	ng	99
91) Dibenzo(a,h)anthracene	26.556	278	1089171	41.117	ng	99
92) Benzo(g,h,i)perylene	27.332	276	1098420	40.919	ng	99

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

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