Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
Data File : BM039973.D
Acq On : 23 May 2023 14:50
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM052323

Quant Time: May 24 01:07:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 01:06:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	325064	20.000	ng		0.00
21) Naphthalene-d8	10.833	136	1353852	20.000	ng		0.00
39) Acenaphthene-d10	14.657	164	736494	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	1308855	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1049310	20.000	ng		0.00
86) Perylene-d12	24.021	264	982141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1725088	81.405	ng		0.00
7) Phenol-d6	7.169	99	2246869	81.279	ng		0.00
23) Nitrobenzene-d5	9.186	82	2081959	82.980	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	850610	88.984	ng		0.00
45) 2-Fluorobiphenyl	13.286	172	5095147	81.598	ng		0.00
79) Terphenyl-d14	20.015	244	6378416	94.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	332340	38.833	ng		98
3) Pyridine	3.828	79	972406	41.385	ng		97
4) n-Nitrosodimethylamine	3.740	42	379571	38.025	ng		95
6) Aniline	7.340	93	1426093	41.692	ng		99
8) 2-Chlorophenol	7.575	128	936431	41.980	ng		97
9) Benzaldehyde	7.151	77	488595	36.562	ng		96
10) Phenol	7.198	94	1125223	40.608	ng		98
11) bis(2-Chloroethyl)ether	7.440	93	927026	40.618	ng		98
12) 1,3-Dichlorobenzene	7.904	146	962183	40.733	ng		98
13) 1,4-Dichlorobenzene	8.057	146	974676	40.554	ng		99
14) 1,2-Dichlorobenzene	8.375	146	969942	41.157	ng		99
15) Benzyl Alcohol	8.257	79	756190	42.436	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.557	45	1151100	39.317	ng		99
17) 2-Methylphenol	8.457	107	830562	41.895	ng		99
18) Hexachloroethane	9.110	117	358207	41.111	ng		97
19) n-Nitroso-di-n-propyla...	8.834	70	700798	43.769	ng		97
20) 3+4-Methylphenols	8.787	107	1120744	42.841	ng		99
22) Acetophenone	8.845	105	1483609	40.600	ng	#	99
24) Nitrobenzene	9.228	77	1037884	40.781	ng		97
25) Isophorone	9.757	82	1949927	42.616	ng		98
26) 2-Nitrophenol	9.945	139	460568	51.142	ng		93
27) 2,4-Dimethylphenol	9.998	122	874628	42.641	ng		99
28) bis(2-Chloroethoxy)met...	10.239	93	1235905	41.199	ng		99
29) 2,4-Dichlorophenol	10.475	162	830516	42.736	ng		98
30) 1,2,4-Trichlorobenzene	10.698	180	864789	40.647	ng		98
31) Naphthalene	10.886	128	3022020	40.456	ng		99
32) Benzoic acid	10.128	122	564570	42.006	ng		94
33) 4-Chloroaniline	10.992	127	1328708	42.212	ng		98
34) Hexachlorobutadiene	11.175	225	480406	40.229	ng		100
35) Caprolactam	11.769	113	240859	43.891	ng		88
36) 4-Chloro-3-methylphenol	12.104	107	861891	42.909	ng		100
37) 2-Methylnaphthalene	12.492	142	2057883	41.331	ng		99
38) 1-Methylnaphthalene	12.710	142	1925494	41.312	ng		99
40) 1,2,4,5-Tetrachloroben...	12.851	216	929222	39.891	ng		98
41) Hexachlorocyclopentadiene	12.839	237	516608	42.871	ng		98
43) 2,4,6-Trichlorophenol	13.092	196	601719	42.558	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	710893	42.243	ng	99
46) 1,1'-Biphenyl	13.492	154	2597891	41.201	ng	99
47) 2-Chloronaphthalene	13.533	162	1959226	41.626	ng	99
48) 2-Nitroaniline	13.733	65	506130	40.184	ng	95
49) Acenaphthylene	14.380	152	3106021	42.154	ng	99
50) Dimethylphthalate	14.116	163	2317455	41.741	ng	100
51) 2,6-Dinitrotoluene	14.227	165	469423	44.198	ng	95
52) Acenaphthene	14.721	154	2013841	41.830	ng	100
53) 3-Nitroaniline	14.557	138	561512	44.691	ng	99
54) 2,4-Dinitrophenol	14.757	184	210880	40.132	ng	97
55) Dibenzofuran	15.051	168	2928414	41.204	ng	99
56) 4-Nitrophenol	14.851	139	436753	44.937	ng	92
57) 2,4-Dinitrotoluene	15.010	165	610070	40.527	ng	93
58) Fluorene	15.698	166	2473248	41.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	542077	43.314	ng	98
60) Diethylphthalate	15.474	149	2353938	42.894	ng	100
61) 4-Chlorophenyl-phenyle...	15.692	204	1222616	42.297	ng	99
62) 4-Nitroaniline	15.715	138	577152	44.108	ng	97
63) Azobenzene	15.986	77	2241496	40.968	ng	98
65) 4,6-Dinitro-2-methylph...	15.768	198	289967	41.469	ng	96
66) n-Nitrosodiphenylamine	15.910	169	1977377	43.932	ng	98
67) 4-Bromophenyl-phenylether	16.586	248	627864	43.414	ng	97
68) Hexachlorobenzene	16.704	284	699881	42.347	ng	93
69) Atrazine	16.857	200	511075	45.648	ng	100
70) Pentachlorophenol	17.045	266	467207	43.063	ng	98
71) Phenanthrene	17.439	178	3210931	41.014	ng	100
72) Anthracene	17.533	178	3315405	42.742	ng	99
73) Carbazole	17.798	167	2932712	41.848	ng	99
74) Di-n-butylphthalate	18.362	149	3578651	40.558	ng	99
75) Fluoranthene	19.451	202	3153932	40.420	ng	99
77) Benzidine	19.633	184	735798	45.156	ng	100
78) Pyrene	19.809	202	3308448	42.968	ng	100
80) Butylbenzylphthalate	20.703	149	1364308	43.581	ng	94
81) Benzo(a)anthracene	21.556	228	3130098	42.138	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	943349	42.513	ng	100
83) Chrysene	21.609	228	2983927	41.866	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2125475	42.567	ng	98
85) Di-n-octyl phthalate	22.427	149	3195323	42.175	ng	98
87) Indeno(1,2,3-cd)pyrene	26.579	276	3108192	39.796	ng	99
88) Benzo(b)fluoranthene	23.274	252	2597126	41.303	ng	99
89) Benzo(k)fluoranthene	23.327	252	2833522	41.210	ng	99
90) Benzo(a)pyrene	23.915	252	2501794	41.487	ng	98
91) Dibenzo(a,h)anthracene	26.597	278	2680906	39.758	ng	100
92) Benzo(g,h,i)perylene	27.368	276	2408499	40.414	ng	99

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

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