Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071822\
Data File : BM035858.D
Acq On : 18 Jul 2022 16:57
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM071822

Quant Time: Jul 18 19:16:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	297297	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1135183	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	632691	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1191594	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1116357	20.000	ng		0.00
86) Perylene-d12	23.821	264	1117480	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1542316	80.426	ng		0.00
7) Phenol-d6	7.069	99	1927791	79.943	ng		0.00
23) Nitrobenzene-d5	9.069	82	1766273	83.217	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	600762	84.889	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3713489	82.964	ng		0.00
79) Terphenyl-d14	19.898	244	4804192	83.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	313236	39.518	ng	#	93
3) Pyridine	3.728	79	840028	39.876	ng		88
4) n-Nitrosodimethylamine	3.640	42	347368	39.457	ng	#	68
6) Aniline	7.228	93	1068146	40.335	ng		96
8) 2-Chlorophenol	7.463	128	798708	40.306	ng		95
9) Benzaldehyde	7.040	77	496375	36.639	ng		94
10) Phenol	7.093	94	966608	39.801	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	773091	39.453	ng		97
12) 1,3-Dichlorobenzene	7.787	146	888822	40.213	ng		98
13) 1,4-Dichlorobenzene	7.934	146	910989	40.480	ng		98
14) 1,2-Dichlorobenzene	8.251	146	872463	40.083	ng		99
15) Benzyl Alcohol	8.145	79	638378	40.177	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1017400	39.879	ng		97
17) 2-Methylphenol	8.345	107	631322	40.041	ng		96
18) Hexachloroethane	8.981	117	326156	40.285	ng		93
19) n-Nitroso-di-n-propyla...	8.716	70	562768	40.254	ng	#	88
20) 3+4-Methylphenols	8.675	107	847697	39.780	ng		96
22) Acetophenone	8.728	105	1150853	41.021	ng	#	92
24) Nitrobenzene	9.110	77	824611	41.364	ng		96
25) Isophorone	9.634	82	1381453	41.606	ng		99
26) 2-Nitrophenol	9.822	139	382175	42.558	ng		90
27) 2,4-Dimethylphenol	9.881	122	591924	41.786	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	961285	41.596	ng		99
29) 2,4-Dichlorophenol	10.351	162	660614	42.061	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	747455	41.237	ng		99
31) Naphthalene	10.757	128	2387986	41.402	ng		99
32) Benzoic acid	10.010	122	443081	41.358	ng		94
33) 4-Chloroaniline	10.869	127	962900	41.731	ng		96
34) Hexachlorobutadiene	11.039	225	434466	41.764	ng		98
35) Caprolactam	11.651	113	200583	41.760	ng		96
36) 4-Chloro-3-methylphenol	11.992	107	673584	41.825	ng		99
37) 2-Methylnaphthalene	12.369	142	1552204	41.369	ng		98
38) 1-Methylnaphthalene	12.586	142	1506755	41.256	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	746431	41.293	ng		99
41) Hexachlorocyclopentadiene	12.710	237	407906	41.867	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	505308	42.291	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	526642	41.803	ng	98
46) 1,1'-Biphenyl	13.374	154	1981930	41.179	ng	99
47) 2-Chloronaphthalene	13.416	162	1520930	41.114	ng	99
48) 2-Nitroaniline	13.622	65	429010	42.086	ng	92
49) Acenaphthylene	14.257	152	2365771	41.533	ng	100
50) Dimethylphthalate	13.998	163	1726606	41.460	ng	100
51) 2,6-Dinitrotoluene	14.116	165	367354	42.185	ng	91
52) Acenaphthene	14.598	154	1399027	41.001	ng	99
53) 3-Nitroaniline	14.445	138	440870	42.050	ng	94
54) 2,4-Dinitrophenol	14.645	184	177758	41.426	ng	88
55) Dibenzofuran	14.933	168	2233862	40.861	ng	98
56) 4-Nitrophenol	14.745	139	347511	42.244	ng	86
57) 2,4-Dinitrotoluene	14.898	165	485357	42.590	ng	98
58) Fluorene	15.580	166	1761538	41.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	423897	41.859	ng	97
60) Diethylphthalate	15.363	149	1714921	41.559	ng	99
61) 4-Chlorophenyl-phenyle...	15.580	204	866037	41.467	ng	94
62) 4-Nitroaniline	15.598	138	459509	42.803	ng	93
63) Azobenzene	15.868	77	1761642	41.577	ng	93
65) 4,6-Dinitro-2-methylph...	15.651	198	251037	41.954	ng	95
66) n-Nitrosodiphenylamine	15.792	169	1468239	41.962	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	504572	42.123	ng	96
68) Hexachlorobenzene	16.574	284	580567	41.751	ng	93
69) Atrazine	16.739	200	412996	44.918	ng	99
70) Pentachlorophenol	16.915	266	338419	43.859	ng	98
71) Phenanthrene	17.315	178	2609551	41.629	ng	99
72) Anthracene	17.404	178	2552104	41.885	ng	99
73) Carbazole	17.674	167	2607369	42.186	ng	99
74) Di-n-butylphthalate	18.251	149	2696069	42.843	ng	99
75) Fluoranthene	19.327	202	2869217	42.110	ng	98
77) Benzidine	19.515	184	782702	39.934	ng	99
78) Pyrene	19.686	202	3002784	41.138	ng	99
80) Butylbenzylphthalate	20.592	149	1094513	42.005	ng	99
81) Benzo(a)anthracene	21.433	228	2908979	41.164	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	693870	41.917	ng	98
83) Chrysene	21.486	228	2811919	41.699	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1564586	42.601	ng	99
85) Di-n-octyl phthalate	22.292	149	2464812	42.303	ng	97
87) Indeno(1,2,3-cd)pyrene	26.303	276	3387032	41.483	ng	98
88) Benzo(b)fluoranthene	23.097	252	2831417	42.566	ng	99
89) Benzo(k)fluoranthene	23.150	252	2781897	40.412	ng	99
90) Benzo(a)pyrene	23.721	252	2342287	41.369	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	2816466	41.510	ng	99
92) Benzo(g,h,i)perylene	27.068	276	2786040	41.637	ng	99

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

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