Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035795.D
Acq On : 13 Jul 2022 14:10
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM071322

Quant Time: Jul 14 01:24:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	281005	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1066026	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	574278	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	1128624	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1203343	20.000	ng		0.00
86) Perylene-d12	23.839	264	1195244	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1376627	79.573	ng		0.00
7) Phenol-d6	7.069	99	1713549	79.184	ng		0.00
23) Nitrobenzene-d5	9.075	82	1546430	82.930	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	487355	83.568	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	3311392	80.416	ng		0.00
79) Terphenyl-d14	19.903	244	4810223	77.597	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	284783	39.025	ng	#	92
3) Pyridine	3.722	79	756359	39.936	ng		91
4) n-Nitrosodimethylamine	3.640	42	324979	38.984	ng	#	73
6) Aniline	7.234	93	952447	39.386	ng		95
8) 2-Chlorophenol	7.469	128	711838	39.519	ng		94
9) Benzaldehyde	7.040	77	429752	36.385	ng		96
10) Phenol	7.093	94	856683	39.315	ng		91
11) bis(2-Chloroethyl)ether	7.334	93	698398	38.875	ng		96
12) 1,3-Dichlorobenzene	7.792	146	806913	39.076	ng		98
13) 1,4-Dichlorobenzene	7.940	146	819886	38.981	ng		99
14) 1,2-Dichlorobenzene	8.257	146	781650	38.511	ng		99
15) Benzyl Alcohol	8.145	79	548298	39.400	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.445	45	895887	38.631	ng		97
17) 2-Methylphenol	8.351	107	551836	39.282	ng		96
18) Hexachloroethane	8.992	117	288029	38.916	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	486533	39.150	ng		89
20) 3+4-Methylphenols	8.681	107	735344	39.110	ng		96
22) Acetophenone	8.734	105	1019434	39.614	ng	#	92
24) Nitrobenzene	9.116	77	719497	40.947	ng		97
25) Isophorone	9.639	82	1183532	40.072	ng		98
26) 2-Nitrophenol	9.828	139	297141	40.271	ng		91
27) 2,4-Dimethylphenol	9.886	122	516371	40.748	ng		96
28) bis(2-Chloroethoxy)met...	10.134	93	828991	39.810	ng		99
29) 2,4-Dichlorophenol	10.357	162	568540	40.981	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	679425	39.628	ng		99
31) Naphthalene	10.763	128	2119594	39.370	ng		99
32) Benzoic acid	10.004	122	310002	38.245	ng		93
33) 4-Chloroaniline	10.875	127	842471	39.578	ng		95
34) Hexachlorobutadiene	11.051	225	394441	39.890	ng		98
35) Caprolactam	11.645	113	155222	37.880	ng		94
36) 4-Chloro-3-methylphenol	11.998	107	564862	40.264	ng		99
37) 2-Methylnaphthalene	12.375	142	1384546	39.099	ng		98
38) 1-Methylnaphthalene	12.592	142	1345313	39.000	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	672060	40.425	ng		98
41) Hexachlorocyclopentadiene	12.716	237	356088	41.068	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	415166	42.862	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	437282	42.085	ng	97
46) 1,1'-Biphenyl	13.380	154	1752343	40.176	ng	99
47) 2-Chloronaphthalene	13.422	162	1338930	40.096	ng	99
48) 2-Nitroaniline	13.622	65	335324	39.079	ng	91
49) Acenaphthylene	14.263	152	2057777	40.769	ng	99
50) Dimethylphthalate	14.004	163	1480306	39.994	ng	99
51) 2,6-Dinitrotoluene	14.121	165	310206	38.946	ng	92
52) Acenaphthene	14.604	154	1222600	39.686	ng	100
53) 3-Nitroaniline	14.445	138	377736	39.751	ng	94
54) 2,4-Dinitrophenol	14.645	184	118991	39.302	ng	88
55) Dibenzofuran	14.939	168	1962119	39.386	ng	98
56) 4-Nitrophenol	14.745	139	283377	39.794	ng	85
57) 2,4-Dinitrotoluene	14.898	165	409096	39.096	ng	98
58) Fluorene	15.586	166	1565111	39.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	361651	42.219	ng	95
60) Diethylphthalate	15.368	149	1473957	40.476	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	771862	39.333	ng	95
62) 4-Nitroaniline	15.604	138	392033	39.555	ng	91
63) Azobenzene	15.874	77	1528245	40.495	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	178014	38.915	ng	93
66) n-Nitrosodiphenylamine	15.798	169	1290352	39.982	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	438383	39.221	ng	96
68) Hexachlorobenzene	16.580	284	517787	39.223	ng	90
69) Atrazine	16.745	200	354258	42.483	ng	97
70) Pentachlorophenol	16.921	266	285908	41.922	ng	98
71) Phenanthrene	17.321	178	2361292	39.826	ng	99
72) Anthracene	17.410	178	2308091	40.466	ng	99
73) Carbazole	17.680	167	2394229	41.723	ng	99
74) Di-n-butylphthalate	18.257	149	2390116	39.458	ng	100
75) Fluoranthene	19.333	202	2768629	41.755	ng	99
77) Benzidine	19.521	184	781241	46.374	ng	99
78) Pyrene	19.692	202	2911328	38.525	ng	99
80) Butylbenzylphthalate	20.603	149	988044	37.918	ng	99
81) Benzo(a)anthracene	21.439	228	3003891	39.793	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	653840	42.724	ng	99
83) Chrysene	21.492	228	2898477	39.770	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1529740	38.635	ng	100
85) Di-n-octyl phthalate	22.315	149	2406462	40.862	ng	97
87) Indeno(1,2,3-cd)pyrene	26.321	276	3522975	40.476	ng	99
88) Benzo(b)fluoranthene	23.115	252	2910354	40.315	ng	99
89) Benzo(k)fluoranthene	23.162	252	2971721	39.357	ng	99
90) Benzo(a)pyrene	23.733	252	2445029	40.479	ng	98
91) Dibenzo(a,h)anthracene	26.344	278	2923432	40.489	ng	99
92) Benzo(g,h,i)perylene	27.079	276	2865388	40.220	ng	99

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

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