Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035364.D
Acq On : 02 Jun 2022 16:01
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060222

Quant Time: Jun 03 00:33:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	198486	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	707983	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	505329	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1111735	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1249698	20.000	ng	#	0.00
86) Perylene-d12	23.786	264	1147419	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	681581	72.157	ng		0.00
7) Phenol-d6	7.040	99	1034831	80.203	ng		0.00
23) Nitrobenzene-d5	9.016	82	900009	80.718	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	719007	88.680	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2914086	82.826	ng		0.00
79) Terphenyl-d14	19.868	244	5109664	81.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	103145	32.551	ng	#	83
3) Pyridine	3.734	79	296339	34.295	ng	#	83
4) n-Nitrosodimethylamine	3.646	42	110333	33.840	ng	#	60
6) Aniline	7.181	93	577269	40.931	ng		94
8) 2-Chlorophenol	7.422	128	475367	40.107	ng		90
9) Benzaldehyde	6.993	77	229861	43.072	ng		89
10) Phenol	7.063	94	499923	40.192	ng		90
11) bis(2-Chloroethyl)ether	7.281	93	409328	40.455	ng		89
12) 1,3-Dichlorobenzene	7.745	146	545138	39.383	ng	#	93
13) 1,4-Dichlorobenzene	7.887	146	560359	39.430	ng		97
14) 1,2-Dichlorobenzene	8.204	146	536809	38.520	ng		97
15) Benzyl Alcohol	8.104	79	370922	39.342	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.392	45	471245	38.200	ng		91
17) 2-Methylphenol	8.310	107	372655	39.630	ng		94
18) Hexachloroethane	8.934	117	166101	35.832	ng	#	79
19) n-Nitroso-di-n-propyla...	8.669	70	297549	36.467	ng	#	83
20) 3+4-Methylphenols	8.645	107	483530	36.737	ng		95
22) Acetophenone	8.681	105	648900	41.228	ng	#	90
24) Nitrobenzene	9.057	77	410753	40.668	ng		91
25) Isophorone	9.592	82	792905	41.116	ng	#	94
26) 2-Nitrophenol	9.769	139	280075	42.377	ng	#	83
27) 2,4-Dimethylphenol	9.839	122	365467	41.699	ng		96
28) bis(2-Chloroethoxy)met...	10.069	93	542106	40.676	ng		99
29) 2,4-Dichlorophenol	10.316	162	491969	41.167	ng		96
30) 1,2,4-Trichlorobenzene	10.522	180	562663	40.929	ng		97
31) Naphthalene	10.704	128	1392903	40.605	ng		100
32) Benzoic acid	10.034	122	349594	44.592	ng		90
33) 4-Chloroaniline	10.822	127	601046	41.839	ng	#	93
34) Hexachlorobutadiene	10.992	225	367639	40.443	ng		99
35) Caprolactam	11.633	113	149056	42.378	ng	#	71
36) 4-Chloro-3-methylphenol	11.963	107	465564	42.258	ng		93
37) 2-Methylnaphthalene	12.322	142	1054758	40.748	ng		97
38) 1-Methylnaphthalene	12.539	142	1033291	40.734	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	692497	41.801	ng	#	95
41) Hexachlorocyclopentadiene	12.669	237	297270	39.404	ng		99
43) 2,4,6-Trichlorophenol	12.939	196	474793	42.461	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	511020	42.567	ng	#	89
46) 1,1'-Biphenyl	13.333	154	1492188	41.425	ng		98
47) 2-Chloronaphthalene	13.374	162	1164471	41.436	ng		97
48) 2-Nitroaniline	13.580	65	263591	42.207	ng	#	74
49) Acenaphthylene	14.216	152	1708521	39.922	ng		99
50) Dimethylphthalate	13.963	163	1536067	41.350	ng	#	98
51) 2,6-Dinitrotoluene	14.080	165	325543	41.052	ng	#	70
52) Acenaphthene	14.563	154	1052287	40.606	ng		99
53) 3-Nitroaniline	14.410	138	318273	42.280	ng		86
54) 2,4-Dinitrophenol	14.621	184	227123	41.519	ng	#	72
55) Dibenzofuran	14.898	168	1870401	42.023	ng		92
56) 4-Nitrophenol	14.739	139	254787	45.099	ng	#	74
57) 2,4-Dinitrotoluene	14.868	165	476409	43.888	ng	#	78
58) Fluorene	15.545	166	1473638	42.377	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	488381	44.194	ng	#	79
60) Diethylphthalate	15.321	149	1562193	42.525	ng		96
61) 4-Chlorophenyl-phenyle...	15.539	204	832407	41.734	ng	#	89
62) 4-Nitroaniline	15.574	138	358867	45.691	ng		82
63) Azobenzene	15.833	77	1105171	42.370	ng		84
65) 4,6-Dinitro-2-methylph...	15.639	198	350605	46.944	ng	#	74
66) n-Nitrosodiphenylamine	15.757	169	1354596	43.178	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	569286	42.245	ng	#	85
68) Hexachlorobenzene	16.557	284	656736	43.569	ng	#	81
69) Atrazine	16.710	200	516221	44.714	ng		95
70) Pentachlorophenol	16.904	266	389583	47.286	ng		100
71) Phenanthrene	17.286	178	2444419	43.440	ng		99
72) Anthracene	17.374	178	2428449	43.318	ng		99
73) Carbazole	17.645	167	2323046	44.001	ng		97
74) Di-n-butylphthalate	18.215	149	2900176	44.237	ng	#	99
75) Fluoranthene	19.304	202	2970733	43.734	ng		97
77) Benzidine	19.486	184	876666	37.265	ng		100
78) Pyrene	19.662	202	3055963	40.325	ng		99
80) Butylbenzylphthalate	20.562	149	1307008	40.603	ng	#	83
81) Benzo(a)anthracene	21.409	228	3105118	40.470	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	787819	39.046	ng	#	98
83) Chrysene	21.462	228	2974949	40.607	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	1986621	40.973	ng	#	94
85) Di-n-octyl phthalate	22.256	149	3370600	39.773	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.232	276	3160949	41.528	ng		95
88) Benzo(b)fluoranthene	23.074	252	2873723	43.483	ng		99
89) Benzo(k)fluoranthene	23.121	252	2771079	40.975	ng		98
90) Benzo(a)pyrene	23.686	252	2330798	41.422	ng		98
91) Dibenzo(a,h)anthracene	26.250	278	2638569	41.532	ng		97
92) Benzo(g,h,i)perylene	26.991	276	2594350	42.337	ng	#	95

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

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