Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038651.D
Acq On : 01 Feb 2023 20:17
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020123

Quant Time: Feb 02 03:35:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 03:31:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	68926	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	230751	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	165791	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	342399	20.000	ng	0.00
76) Chrysene-d12	21.491	240	283530	20.000	ng	0.00
86) Perylene-d12	23.891	264	358483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	282854	80.388	ng	0.00
7) Phenol-d6	7.110	99	324199	80.786	ng	0.00
23) Nitrobenzene-d5	9.116	82	333997	82.215	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	194035	86.105	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1067630	81.983	ng	0.00
79) Terphenyl-d14	19.933	244	1350923	84.081	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	58912	37.979	ng	99
3) Pyridine	3.769	79	145669	39.492	ng	99
4) n-Nitrosodimethylamine	3.681	42	66609	40.001	ng	95
6) Aniline	7.269	93	201067	40.166	ng	98
8) 2-Chlorophenol	7.504	128	156513	40.765	ng	99
9) Benzaldehyde	7.081	77	68347	38.641	ng	97
10) Phenol	7.134	94	162785	40.152	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	131914	40.178	ng	99
12) 1,3-Dichlorobenzene	7.822	146	201126	41.000	ng	100
13) 1,4-Dichlorobenzene	7.975	146	202404	40.884	ng	100
14) 1,2-Dichlorobenzene	8.292	146	193700	40.841	ng	100
15) Benzyl Alcohol	8.192	79	122487	41.469	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.475	45	122298	39.325	ng	97
17) 2-Methylphenol	8.386	107	126162	40.570	ng	98
18) Hexachloroethane	9.016	117	68668	42.948	ng	94
19) n-Nitroso-di-n-propyla...	8.757	70	102525	42.384	ng	98
20) 3+4-Methylphenols	8.722	107	171570	41.381	ng	98
22) Acetophenone	8.775	105	217811	39.581	ng	98
24) Nitrobenzene	9.157	77	167665	40.662	ng	95
25) Isophorone	9.681	82	288214	40.499	ng	99
26) 2-Nitrophenol	9.863	139	96561	42.084	ng	96
27) 2,4-Dimethylphenol	9.928	122	135961	41.070	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	176566	40.597	ng	97
29) 2,4-Dichlorophenol	10.398	162	193981	41.244	ng	97
30) 1,2,4-Trichlorobenzene	10.610	180	203958	40.767	ng	99
31) Naphthalene	10.798	128	480974	40.619	ng	100
32) Benzoic acid	10.080	122	112065	41.818	ng	98
33) 4-Chloroaniline	10.922	127	212480	40.945	ng	100
34) Hexachlorobutadiene	11.069	225	104696	41.775	ng	97
35) Caprolactam	11.727	113	40340	39.825	ng	96
36) 4-Chloro-3-methylphenol	12.039	107	143093	41.145	ng	97
37) 2-Methylnaphthalene	12.404	142	391562	40.920	ng	99
38) 1-Methylnaphthalene	12.621	142	365997	40.591	ng	95
40) 1,2,4,5-Tetrachloroben...	12.769	216	178068	41.270	ng	99
41) Hexachlorocyclopentadiene	12.739	237	116022	43.333	ng	96
43) 2,4,6-Trichlorophenol	13.016	196	144020	42.487	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	165972	41.608	ng	99
46) 1,1'-Biphenyl	13.410	154	537456	40.924	ng	99
47) 2-Chloronaphthalene	13.457	162	426840	41.304	ng	99
48) 2-Nitroaniline	13.668	65	90933	39.397	ng	94
49) Acenaphthylene	14.298	152	675825	41.520	ng	99
50) Dimethylphthalate	14.039	163	552404	40.830	ng	100
51) 2,6-Dinitrotoluene	14.168	165	119391	43.418	ng	97
52) Acenaphthene	14.639	154	394087	40.548	ng	99
53) 3-Nitroaniline	14.498	138	112433	39.370	ng	98
54) 2,4-Dinitrophenol	14.704	184	75039	41.925	ng	97
55) Dibenzofuran	14.974	168	680496	40.660	ng	99
56) 4-Nitrophenol	14.804	139	92052	41.739	ng	97
57) 2,4-Dinitrotoluene	14.951	165	163359	40.524	ng	95
58) Fluorene	15.621	166	542413	40.960	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	116702	42.035	ng	100
60) Diethylphthalate	15.392	149	532501	41.546	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	231512	41.209	ng	97
62) 4-Nitroaniline	15.657	138	115838	39.548	ng	97
63) Azobenzene	15.904	77	400192	40.583	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	91351	42.381	ng	98
66) n-Nitrosodiphenylamine	15.833	169	457912	40.958	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	138924	42.021	ng	95
68) Hexachlorobenzene	16.621	284	169424	41.932	ng	98
69) Atrazine	16.780	200	137611	42.468	ng	98
70) Pentachlorophenol	16.968	266	124974	42.430	ng	98
71) Phenanthrene	17.362	178	830820	40.865	ng	99
72) Anthracene	17.451	178	853157	41.020	ng	99
73) Carbazole	17.727	167	803149	41.405	ng	99
74) Di-n-butylphthalate	18.274	149	936063	42.713	ng	100
75) Fluoranthene	19.374	202	874511	40.968	ng	99
77) Benzidine	19.562	184	321329	38.389	ng	99
78) Pyrene	19.733	202	919162	42.107	ng	99
80) Butylbenzylphthalate	20.627	149	434001	40.263	ng	98
81) Benzo(a)anthracene	21.480	228	822033	40.987	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	296145	42.920	ng	97
83) Chrysene	21.533	228	788513	40.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.392	149	643976	40.951	ng	99
85) Di-n-octyl phthalate	22.315	149	1107176	43.090	ng	100
87) Indeno(1,2,3-cd)pyrene	26.397	276	1159001	41.046	ng	99
88) Benzo(b)fluoranthene	23.162	252	910523	42.406	ng	99
89) Benzo(k)fluoranthene	23.209	252	899901	41.273	ng	100
90) Benzo(a)pyrene	23.785	252	886952	41.771	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	983241	41.389	ng	99
92) Benzo(g,h,i)perylene	27.168	276	997551	41.541	ng	98

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

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