Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
Data File : BM042391.D
Acq On : 20 Oct 2023 23:20
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM102123

Quant Time: Oct 21 02:33:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	132429	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	535152	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	284816	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	558514	20.000	ng		0.00
76) Chrysene-d12	21.580	240	519713	20.000	ng		0.00
86) Perylene-d12	24.044	264	542236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	732031	78.124	ng		0.00
7) Phenol-d6	7.145	99	981757	78.184	ng		0.00
23) Nitrobenzene-d5	9.198	82	995370	82.247	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	251099	83.397	ng		0.00
45) 2-Fluorobiphenyl	13.269	172	1772059	83.783	ng		0.00
79) Terphenyl-d14	20.009	244	2512488	85.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	165694	37.553	ng		98
3) Pyridine	3.810	79	492390	38.037	ng		97
4) n-Nitrosodimethylamine	3.740	42	248669	38.047	ng		96
6) Aniline	7.340	93	626812	39.206	ng		99
8) 2-Chlorophenol	7.551	128	369580	39.750	ng		99
9) Benzaldehyde	7.157	77	276261	37.773	ng		99
10) Phenol	7.175	94	504574	38.888	ng		100
11) bis(2-Chloroethyl)ether	7.434	93	412340	38.707	ng		99
12) 1,3-Dichlorobenzene	7.881	146	374503	38.942	ng		99
13) 1,4-Dichlorobenzene	8.034	146	380476	39.303	ng		99
14) 1,2-Dichlorobenzene	8.345	146	366107	39.386	ng		100
15) Benzyl Alcohol	8.257	79	370100	39.759	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	652186	38.692	ng		99
17) 2-Methylphenol	8.439	107	342158	39.962	ng		99
18) Hexachloroethane	9.063	117	149410	40.091	ng		98
19) n-Nitroso-di-n-propyla...	8.816	70	345141	40.553	ng		99
20) 3+4-Methylphenols	8.769	107	460819	40.126	ng		100
22) Acetophenone	8.851	105	598708	41.008	ng	#	98
24) Nitrobenzene	9.239	77	496584	41.014	ng		100
25) Isophorone	9.751	82	866218	42.117	ng		99
26) 2-Nitrophenol	9.945	139	187244	40.623	ng		97
27) 2,4-Dimethylphenol	9.981	122	349567	41.902	ng		100
28) bis(2-Chloroethoxy)met...	10.239	93	536057	41.139	ng		99
29) 2,4-Dichlorophenol	10.463	162	312983	43.141	ng		96
30) 1,2,4-Trichlorobenzene	10.675	180	324998	41.787	ng		96
31) Naphthalene	10.875	128	1123844	40.885	ng		99
32) Benzoic acid	10.104	122	243845	40.855	ng		94
33) 4-Chloroaniline	11.010	127	500828	41.965	ng		99
34) Hexachlorobutadiene	11.098	225	179737	42.707	ng		99
35) Caprolactam	11.827	113	109928	39.386	ng		99
36) 4-Chloro-3-methylphenol	12.098	107	369965	42.259	ng		99
37) 2-Methylnaphthalene	12.475	142	771750	41.708	ng		99
38) 1-Methylnaphthalene	12.692	142	722784	41.696	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	356505	43.297	ng		99
41) Hexachlorocyclopentadiene	12.769	237	175462	41.630	ng		99
43) 2,4,6-Trichlorophenol	13.074	196	234008	43.902	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	277208	43.995	ng	98
46) 1,1'-Biphenyl	13.480	154	939311	41.572	ng	99
47) 2-Chloronaphthalene	13.527	162	688879	41.557	ng	99
48) 2-Nitroaniline	13.763	65	282192	39.249	ng	99
49) Acenaphthylene	14.374	152	1130949	42.260	ng	100
50) Dimethylphthalate	14.110	163	874282	41.849	ng	100
51) 2,6-Dinitrotoluene	14.251	165	186294	40.005	ng	98
52) Acenaphthene	14.710	154	670956	41.470	ng	100
53) 3-Nitroaniline	14.592	138	218271	39.634	ng	96
54) 2,4-Dinitrophenol	14.792	184	102592	39.694	ng	98
55) Dibenzofuran	15.045	168	1057259	41.315	ng	99
56) 4-Nitrophenol	14.868	139	177665	41.755	ng	97
57) 2,4-Dinitrotoluene	15.033	165	244944	39.601	ng	94
58) Fluorene	15.692	166	842168	41.705	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	209082	44.171	ng	97
60) Diethylphthalate	15.457	149	871859	42.290	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	407304	42.829	ng	98
62) 4-Nitroaniline	15.757	138	211912	40.158	ng	97
63) Azobenzene	15.974	77	1046886	42.325	ng	99
65) 4,6-Dinitro-2-methylph...	15.780	198	139884	40.325	ng	95
66) n-Nitrosodiphenylamine	15.910	169	721183	42.871	ng	99
67) 4-Bromophenyl-phenylether	16.580	248	231126	44.650	ng	99
68) Hexachlorobenzene	16.662	284	240339	43.437	ng	98
69) Atrazine	16.851	200	192627	45.154	ng	99
70) Pentachlorophenol	17.027	266	174631	40.963	ng	100
71) Phenanthrene	17.439	178	1285443	42.307	ng	100
72) Anthracene	17.533	178	1292761	42.962	ng	99
73) Carbazole	17.815	167	1215118	43.045	ng	99
74) Di-n-butylphthalate	18.339	149	1430897	40.497	ng	100
75) Fluoranthene	19.451	202	1452567	43.409	ng	99
77) Benzidine	19.656	184	263083	34.997	ng	100
78) Pyrene	19.815	202	1521319	41.890	ng	100
80) Butylbenzylphthalate	20.698	149	640125	39.503	ng	96
81) Benzo(a)anthracene	21.562	228	1466365	42.088	ng	100
82) 3,3'-Dichlorobenzidine	21.503	252	450387	43.304	ng	98
83) Chrysene	21.615	228	1399353	41.818	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	926763	40.189	ng	100
85) Di-n-octyl phthalate	22.386	149	1575425	39.843	ng	99
87) Indeno(1,2,3-cd)pyrene	26.644	276	1607037	40.555	ng	99
88) Benzo(b)fluoranthene	23.280	252	1375937	42.157	ng	99
89) Benzo(k)fluoranthene	23.333	252	1369326	40.410	ng	99
90) Benzo(a)pyrene	23.938	252	1308615	41.656	ng	100
91) Dibenzo(a,h)anthracene	26.662	278	1336582	40.568	ng	100
92) Benzo(g,h,i)perylene	27.456	276	1319875	41.251	ng	97

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

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