Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039084.D
Acq On : 22 Mar 2023 09:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 23 04:18:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	451315	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1963618	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	1199488	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2359918	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1694292	20.000	ng	0.00
86) Perylene-d12	23.962	264	1681888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2274518	76.569	ng	0.00
7) Phenol-d6	7.134	99	3150743	81.658	ng	0.00
23) Nitrobenzene-d5	9.140	82	3090264	77.305	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1164385	83.913	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	6632946	71.987	ng	0.00
79) Terphenyl-d14	19.974	244	7932649	85.602	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	462487	34.996	ng	99
3) Pyridine	3.799	79	1391289	37.960	ng	99
4) n-Nitrosodimethylamine	3.710	42	534970	35.869	ng	91
6) Aniline	7.293	93	2120870	41.863	ng	99
8) 2-Chlorophenol	7.528	128	1298390	41.055	ng	98
9) Benzaldehyde	7.104	77	688772	37.513	ng	97
10) Phenol	7.157	94	1672250	40.812	ng	98
11) bis(2-Chloroethyl)ether	7.387	93	1368135	41.068	ng	99
12) 1,3-Dichlorobenzene	7.851	146	1309981	38.977	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1343666	39.310	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1299471	39.467	ng	99
15) Benzyl Alcohol	8.210	79	1225964	44.329	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1761063	41.857	ng	98
17) 2-Methylphenol	8.416	107	1215383	43.179	ng	99
18) Hexachloroethane	9.051	117	514608	40.805	ng	98
19) n-Nitroso-di-n-propyla...	8.787	70	1141804	46.982	ng	97
20) 3+4-Methylphenols	8.745	107	1688615	44.930	ng	98
22) Acetophenone	8.798	105	2107580	38.256	ng	98
24) Nitrobenzene	9.181	77	1605022	38.200	ng	98
25) Isophorone	9.710	82	3156868	42.914	ng	100
26) 2-Nitrophenol	9.892	139	778027	42.315	ng	94
27) 2,4-Dimethylphenol	9.951	122	1298252	40.503	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1907944	40.366	ng	100
29) 2,4-Dichlorophenol	10.428	162	1262745	41.553	ng	99
30) 1,2,4-Trichlorobenzene	10.639	180	1268399	38.196	ng	99
31) Naphthalene	10.834	128	4246739	37.928	ng	99
32) Benzoic acid	10.116	122	1102764	47.024	ng	99
33) 4-Chloroaniline	10.939	127	1972514	41.337	ng	99
34) Hexachlorobutadiene	11.116	225	735470	38.621	ng	99
35) Caprolactam	11.751	113	440887	47.669	ng	96
36) 4-Chloro-3-methylphenol	12.069	107	1419729	43.874	ng	99
37) 2-Methylnaphthalene	12.439	142	3049387	40.633	ng	99
38) 1-Methylnaphthalene	12.657	142	2863883	40.721	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1419099	36.392	ng	99
41) Hexachlorocyclopentadiene	12.780	237	833362	38.934	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	1026579	40.655	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1201144	40.639	ng	97
46) 1,1'-Biphenyl	13.445	154	3762680	37.028	ng	99
47) 2-Chloronaphthalene	13.486	162	2850130	37.195	ng	99
48) 2-Nitroaniline	13.692	65	978948	40.276	ng	93
49) Acenaphthylene	14.333	152	4735889	38.801	ng	100
50) Dimethylphthalate	14.069	163	3720108	40.305	ng	100
51) 2,6-Dinitrotoluene	14.186	165	820162	40.420	ng	97
52) Acenaphthene	14.674	154	2801873	37.353	ng	99
53) 3-Nitroaniline	14.516	138	956364	40.341	ng	95
54) 2,4-Dinitrophenol	14.721	184	508230	45.698	ng	89
55) Dibenzofuran	15.004	168	4448636	37.899	ng	100
56) 4-Nitrophenol	14.821	139	757108	41.302	ng	97
57) 2,4-Dinitrotoluene	14.974	165	1100717	41.278	ng	95
58) Fluorene	15.657	166	3491038	37.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	939733	41.226	ng	98
60) Diethylphthalate	15.427	149	3757334	41.837	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1748503	38.708	ng	100
62) 4-Nitroaniline	15.680	138	956830	39.708	ng	96
63) Azobenzene	15.939	77	3775739	39.733	ng	97
65) 4,6-Dinitro-2-methylph...	15.733	198	656012	42.904	ng	95
66) n-Nitrosodiphenylamine	15.863	169	3116238	39.170	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	1049353	41.168	ng	98
68) Hexachlorobenzene	16.657	284	1111233	38.998	ng	100
69) Atrazine	16.815	200	941630	43.332	ng	98
70) Pentachlorophenol	17.004	266	850286	40.571	ng	99
71) Phenanthrene	17.398	178	5178536	37.389	ng	100
72) Anthracene	17.486	178	5333186	38.611	ng	100
73) Carbazole	17.757	167	4809537	38.153	ng	99
74) Di-n-butylphthalate	18.321	149	6234964	40.830	ng	99
75) Fluoranthene	19.409	202	5486698	37.519	ng	99
77) Benzidine	19.592	184	1530780	40.486	ng	99
78) Pyrene	19.768	202	5629456	44.238	ng	99
80) Butylbenzylphthalate	20.662	149	2496009	46.258	ng	99
81) Benzo(a)anthracene	21.515	228	4916815	40.297	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	1574855	41.997	ng	100
83) Chrysene	21.574	228	4594946	38.721	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	3519832	45.146	ng	99
85) Di-n-octyl phthalate	22.374	149	5794536	44.898	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	4760530	37.198	ng	100
88) Benzo(b)fluoranthene	23.221	252	4192123	39.015	ng	99
89) Benzo(k)fluoranthene	23.274	252	4378967	39.160	ng	99
90) Benzo(a)pyrene	23.856	252	4121321	39.853	ng	100
91) Dibenzo(a,h)anthracene	26.521	278	3981122	36.732	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3889906	36.684	ng	99

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

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