Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044809.D
Acq On : 29 Mar 2024 10:04
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 29 12:35:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:24:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	82531	20.000	ng	0.00
21) Naphthalene-d8	10.451	136	310578	20.000	ng	0.00
39) Acenaphthene-d10	14.315	164	159307	20.000	ng	0.00
64) Phenanthrene-d10	17.074	188	284986	20.000	ng	0.00
76) Chrysene-d12	21.274	240	249788	20.000	ng	0.00
86) Perylene-d12	23.509	264	313858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	465300	80.745	ng	0.00
7) Phenol-d6	6.851	99	585629	78.348	ng	0.00
23) Nitrobenzene-d5	8.833	82	547726	79.502	ng	0.00
42) 2,4,6-Tribromophenol	15.815	330	145293	83.462	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	976784	78.530	ng	0.00
79) Terphenyl-d14	19.715	244	1120433	76.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	92652	40.685	ng	99
3) Pyridine	3.651	79	257989	40.314	ng	99
4) n-Nitrosodimethylamine	3.575	42	134868	40.167	ng	97
6) Aniline	7.016	93	337715	38.794	ng	96
8) 2-Chlorophenol	7.239	128	230485	39.488	ng	100
9) Benzaldehyde	6.834	77	150947	38.836	ng	99
10) Phenol	6.875	94	288094	39.037	ng	98
11) bis(2-Chloroethyl)ether	7.116	93	229329	39.475	ng	96
12) 1,3-Dichlorobenzene	7.557	146	243259	39.892	ng	100
13) 1,4-Dichlorobenzene	7.704	146	243322	39.269	ng	99
14) 1,2-Dichlorobenzene	8.016	146	234546	39.265	ng	99
15) Benzyl Alcohol	7.916	79	190795	37.274	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.204	45	344184	39.227	ng	99
17) 2-Methylphenol	8.116	107	200856	38.553	ng	98
18) Hexachloroethane	8.728	117	97234	40.250	ng	96
19) n-Nitroso-di-n-propyla...	8.481	70	171555	37.928	ng	97
20) 3+4-Methylphenols	8.439	107	268804	38.181	ng	99
22) Acetophenone	8.498	105	328716	39.025	ng	98
24) Nitrobenzene	8.875	77	267783	39.789	ng	99
25) Isophorone	9.398	82	436409	39.283	ng	99
26) 2-Nitrophenol	9.575	139	117826	39.718	ng	98
27) 2,4-Dimethylphenol	9.633	122	191741	39.368	ng	98
28) bis(2-Chloroethoxy)met...	9.880	93	276998	39.662	ng	98
29) 2,4-Dichlorophenol	10.104	162	189549	40.100	ng	100
30) 1,2,4-Trichlorobenzene	10.310	180	200366	40.281	ng	97
31) Naphthalene	10.498	128	672992	39.448	ng	99
32) Benzoic acid	9.769	122	141919	38.817	ng	98
33) 4-Chloroaniline	10.622	127	277851	39.515	ng	98
34) Hexachlorobutadiene	10.769	225	120784	40.897	ng	97
35) Caprolactam	11.422	113	56268	40.859	ng	98
36) 4-Chloro-3-methylphenol	11.745	107	192241	39.111	ng	97
37) 2-Methylnaphthalene	12.116	142	434333	38.798	ng	99
38) 1-Methylnaphthalene	12.339	142	402268	38.552	ng	97
40) 1,2,4,5-Tetrachloroben...	12.486	216	197411	39.621	ng	99
41) Hexachlorocyclopentadiene	12.451	237	112949	42.239	ng	99
43) 2,4,6-Trichlorophenol	12.739	196	130246	39.059	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	153468	39.963	ng	99
46) 1,1'-Biphenyl	13.145	154	500510	38.822	ng	99
47) 2-Chloronaphthalene	13.186	162	379588	39.143	ng	97
48) 2-Nitroaniline	13.410	65	136192	40.546	ng	94
49) Acenaphthylene	14.039	152	605250	39.378	ng	99
50) Dimethylphthalate	13.792	163	449857	40.159	ng	98
51) 2,6-Dinitrotoluene	13.916	165	98283	40.485	ng	99
52) Acenaphthene	14.380	154	360095	39.602	ng	99
53) 3-Nitroaniline	14.245	138	116859	42.258	ng	99
54) 2,4-Dinitrophenol	14.457	184	55197	40.175	ng	95
55) Dibenzofuran	14.721	168	563523	39.500	ng	99
56) 4-Nitrophenol	14.557	139	89916	42.249	ng	100
57) 2,4-Dinitrotoluene	14.704	165	128629	42.230	ng	96
58) Fluorene	15.374	166	434215	39.607	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	111910	40.840	ng	99
60) Diethylphthalate	15.157	149	435731	41.431	ng	100
61) 4-Chlorophenyl-phenyle...	15.374	204	209498	40.272	ng	99
62) 4-Nitroaniline	15.410	138	116745	43.960	ng	99
63) Azobenzene	15.668	77	483120	41.222	ng	99
65) 4,6-Dinitro-2-methylph...	15.468	198	72210	40.715	ng	94
66) n-Nitrosodiphenylamine	15.592	169	359265	38.028	ng	98
67) 4-Bromophenyl-phenylether	16.268	248	120658	38.675	ng	100
68) Hexachlorobenzene	16.368	284	132708	39.299	ng	99
69) Atrazine	16.557	200	109514	42.414	ng	99
70) Pentachlorophenol	16.721	266	93205	41.701	ng	99
71) Phenanthrene	17.115	178	631205	39.700	ng	99
72) Anthracene	17.209	178	641295	39.933	ng	99
73) Carbazole	17.486	167	599399	41.799	ng	100
74) Di-n-butylphthalate	18.056	149	677150	42.998	ng	100
75) Fluoranthene	19.139	202	682340	42.994	ng	100
77) Benzidine	19.345	184	281230	52.217	ng	98
78) Pyrene	19.503	202	721027	36.224	ng	99
80) Butylbenzylphthalate	20.421	149	291530	40.272	ng	96
81) Benzo(a)anthracene	21.256	228	688869	39.564	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	251088	41.587	ng	97
83) Chrysene	21.309	228	659816	39.539	ng	99
84) Bis(2-ethylhexyl)phtha...	21.203	149	417704	42.332	ng	99
85) Di-n-octyl phthalate	22.086	149	702757	42.088	ng	100
87) Indeno(1,2,3-cd)pyrene	25.762	276	954334	40.029	ng	100
88) Benzo(b)fluoranthene	22.838	252	734456	41.296	ng	99
89) Benzo(k)fluoranthene	22.880	252	698157	39.092	ng	98
90) Benzo(a)pyrene	23.409	252	720573	39.923	ng	99
91) Dibenzo(a,h)anthracene	25.779	278	790631	40.041	ng	99
92) Benzo(g,h,i)perylene	26.450	276	803822	39.127	ng	99

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

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