Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138856.D
Acq On : 08 Aug 2024 10:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 08 10:41:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	53967	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	212450	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	111283	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	192684	20.000	ng		0.00
76) Chrysene-d12	13.998	240	92916	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	95070	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	278834	79.757	ng		0.00
7) Phenol-d6	6.492	99	367243	78.240	ng		0.00
23) Nitrobenzene-d5	7.416	82	355845	81.891	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	77847	85.400	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	635871	85.853	ng		0.00
79) Terphenyl-d14	12.939	244	496369	89.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	54924	35.884	ng		95
3) Pyridine	3.363	79	131809	35.549	ng		96
4) n-Nitrosodimethylamine	3.334	42	97535	44.168	ng		86
6) Aniline	6.510	93	160915	38.441	ng	#	57
8) 2-Chlorophenol	6.634	128	146746	39.896	ng		98
9) Benzaldehyde	6.398	77	97924	34.802	ng		99
10) Phenol	6.504	94	190993	38.647	ng		79
11) bis(2-Chloroethyl)ether	6.581	93	138977	36.544	ng		98
12) 1,3-Dichlorobenzene	6.781	146	164204	39.881	ng		98
13) 1,4-Dichlorobenzene	6.857	146	162328	39.067	ng		98
14) 1,2-Dichlorobenzene	7.016	146	158359	40.780	ng		99
15) Benzyl Alcohol	6.992	79	139652	41.280	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	219309	33.508	ng		61
17) 2-Methylphenol	7.110	107	120302	39.608	ng	#	90
18) Hexachloroethane	7.351	117	62741	40.113	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	112206	39.579	ng		100
20) 3+4-Methylphenols	7.263	107	160708	41.239	ng	#	87
22) Acetophenone	7.257	105	213540	41.051	ng		97
24) Nitrobenzene	7.434	77	173921	39.333	ng		98
25) Isophorone	7.669	82	286527	38.616	ng		98
26) 2-Nitrophenol	7.745	139	79531	41.807	ng		98
27) 2,4-Dimethylphenol	7.786	122	91290	40.108	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	168373	37.263	ng		99
29) 2,4-Dichlorophenol	7.992	162	118761	40.605	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	137976	40.879	ng		98
31) Naphthalene	8.145	128	441420	39.473	ng		99
32) Benzoic acid	7.939	122	59362	33.178	ng		92
33) 4-Chloroaniline	8.204	127	145128	38.662	ng		99
34) Hexachlorobutadiene	8.257	225	87302	42.703	ng		98
35) Caprolactam	8.586	113	35306	40.455	ng		97
36) 4-Chloro-3-methylphenol	8.686	107	136891	40.954	ng		98
37) 2-Methylnaphthalene	8.833	142	283639	40.161	ng		100
38) 1-Methylnaphthalene	8.933	142	277617	40.115	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	131999	42.700	ng		100
41) Hexachlorocyclopentadiene	8.980	237	39392	50.917	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	77339	41.033	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	84861	41.185	ng		97
46) 1,1'-Biphenyl	9.298	154	361643	41.494	ng		99
47) 2-Chloronaphthalene	9.328	162	269678	41.604	ng		99
48) 2-Nitroaniline	9.428	65	92549	42.116	ng		98
49) Acenaphthylene	9.739	152	380128	41.348	ng		99
50) Dimethylphthalate	9.604	163	300966	42.297	ng		100
51) 2,6-Dinitrotoluene	9.669	165	70030	43.609	ng		90
52) Acenaphthene	9.910	154	255959	41.418	ng		99
53) 3-Nitroaniline	9.839	138	71090	42.823	ng		97
54) 2,4-Dinitrophenol	9.957	184	33797	45.719	ng	#	85
55) Dibenzofuran	10.080	168	362856	41.594	ng		98
56) 4-Nitrophenol	10.016	139	45406	45.483	ng		94
57) 2,4-Dinitrotoluene	10.075	165	92629	45.211	ng	#	85
58) Fluorene	10.427	166	301924	43.461	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	64636	41.031	ng		96
60) Diethylphthalate	10.298	149	298009	44.170	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	147395	43.140	ng		98
62) 4-Nitroaniline	10.457	138	69035	43.759	ng		86
63) Azobenzene	10.575	77	308782	41.265	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	50853	43.259	ng		98
66) n-Nitrosodiphenylamine	10.539	169	243028	40.351	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	85143	40.813	ng		100
68) Hexachlorobenzene	10.969	284	89832	41.705	ng		99
69) Atrazine	11.063	200	58539	37.672	ng		98
70) Pentachlorophenol	11.174	266	43766	45.078	ng		98
71) Phenanthrene	11.386	178	404081	40.727	ng		100
72) Anthracene	11.439	178	402953	41.226	ng		99
73) Carbazole	11.598	167	349333	41.426	ng		99
74) Di-n-butylphthalate	11.916	149	430048	45.365	ng		99
75) Fluoranthene	12.574	202	383248	41.376	ng		98
77) Benzidine	12.698	184	91997	41.396	ng		99
78) Pyrene	12.804	202	385224	44.034	ng		100
80) Butylbenzylphthalate	13.410	149	118729	42.381	ng		99
81) Benzo(a)anthracene	13.986	228	264825	41.389	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	67560	41.261	ng		99
83) Chrysene	14.027	228	225563	39.075	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	145125	35.377	ng		98
85) Di-n-octyl phthalate	14.574	149	247495	32.609	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	263241	38.638	ng		96
88) Benzo(b)fluoranthene	15.033	252	254851	43.243	ng		98
89) Benzo(k)fluoranthene	15.062	252	194191	38.057	ng		99
90) Benzo(a)pyrene	15.398	252	202016	40.752	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	213635	38.199	ng		99
92) Benzo(g,h,i)perylene	17.374	276	216487	37.303	ng		96

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

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