Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138691.D
Acq On : 31 Jul 2024 09:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 31 09:24:56 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	6.845	152	73486	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	296514	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	162809	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	264555	20.000	ng	0.00
76) Chrysene-d12	14.010	240	126585	20.000	ng	0.00
86) Perylene-d12	15.468	264	150013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	380671	79.964	ng	0.00
7) Phenol-d6	6.487	99	503699	78.808	ng	0.00
23) Nitrobenzene-d5	7.410	82	477441	78.724	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	105396	79.030	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	819809	75.657	ng	0.00
79) Terphenyl-d14	12.951	244	619609	81.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	86195	41.357	ng	99
3) Pyridine	3.340	79	206414	40.884	ng	97
4) n-Nitrosodimethylamine	3.299	42	118936	39.553	ng	98
6) Aniline	6.510	93	234977	41.224	ng	96
8) 2-Chlorophenol	6.634	128	200886	40.108	ng	99
9) Benzaldehyde	6.398	77	126419	32.996	ng	99
10) Phenol	6.498	94	266998	39.676	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	201115	38.836	ng	99
12) 1,3-Dichlorobenzene	6.787	146	221264	39.465	ng	99
13) 1,4-Dichlorobenzene	6.863	146	222674	39.355	ng	100
14) 1,2-Dichlorobenzene	7.016	146	210081	39.729	ng	99
15) Benzyl Alcohol	6.992	79	185826	40.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	347004	38.936	ng	98
17) 2-Methylphenol	7.104	107	163202	39.460	ng	99
18) Hexachloroethane	7.357	117	82962	38.953	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	150404	38.961	ng	98
20) 3+4-Methylphenols	7.257	107	205488	38.724	ng	99
22) Acetophenone	7.257	105	285067	39.265	ng	99
24) Nitrobenzene	7.434	77	241772	39.177	ng	97
25) Isophorone	7.669	82	409244	39.518	ng	99
26) 2-Nitrophenol	7.745	139	108589	40.898	ng	99
27) 2,4-Dimethylphenol	7.786	122	126497	39.820	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	249730	39.599	ng	99
29) 2,4-Dichlorophenol	7.992	162	164061	40.190	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	185273	39.329	ng	98
31) Naphthalene	8.151	128	608914	39.014	ng	100
32) Benzoic acid	7.910	122	99485	39.839	ng	99
33) 4-Chloroaniline	8.204	127	210558	40.190	ng	99
34) Hexachlorobutadiene	8.263	225	113252	39.691	ng	99
35) Caprolactam	8.575	113	50019	41.065	ng	100
36) 4-Chloro-3-methylphenol	8.686	107	186134	39.898	ng	99
37) 2-Methylnaphthalene	8.839	142	385216	39.080	ng	100
38) 1-Methylnaphthalene	8.939	142	377965	39.131	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	176143	38.947	ng	98
41) Hexachlorocyclopentadiene	8.986	237	41598	38.690	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	106722	38.702	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	120385	39.935	ng	99
46) 1,1'-Biphenyl	9.304	154	486794	38.177	ng	99
47) 2-Chloronaphthalene	9.328	162	361462	38.116	ng	99
48) 2-Nitroaniline	9.428	65	127008	39.505	ng	99
49) Acenaphthylene	9.745	152	528948	39.327	ng	100
50) Dimethylphthalate	9.604	163	410730	39.454	ng	99
51) 2,6-Dinitrotoluene	9.669	165	93560	39.823	ng	95
52) Acenaphthene	9.916	154	346801	38.357	ng	100
53) 3-Nitroaniline	9.839	138	95997	39.525	ng	99
54) 2,4-Dinitrophenol	9.951	184	41718	38.574	ng	93
55) Dibenzofuran	10.086	168	494219	38.723	ng	99
56) 4-Nitrophenol	10.010	139	59903	41.015	ng	94
57) 2,4-Dinitrotoluene	10.075	165	120902	40.335	ng	98
58) Fluorene	10.427	166	396287	38.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	91419	39.667	ng	97
60) Diethylphthalate	10.304	149	396850	40.205	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	192904	38.591	ng	98
62) 4-Nitroaniline	10.451	138	91711	39.735	ng	96
63) Azobenzene	10.580	77	432546	39.511	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	65941	40.855	ng	95
66) n-Nitrosodiphenylamine	10.539	169	331702	40.112	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	112846	39.397	ng	99
68) Hexachlorobenzene	10.975	284	117187	39.625	ng	98
69) Atrazine	11.069	200	87121	40.834	ng	98
70) Pentachlorophenol	11.174	266	55767	41.835	ng	98
71) Phenanthrene	11.392	178	535910	39.340	ng	100
72) Anthracene	11.445	178	530936	39.563	ng	100
73) Carbazole	11.598	167	449108	38.789	ng	99
74) Di-n-butylphthalate	11.927	149	534123	41.037	ng	100
75) Fluoranthene	12.580	202	497901	39.151	ng	100
77) Benzidine	12.704	184	128231	42.353	ng	99
78) Pyrene	12.810	202	486747	40.840	ng	100
80) Butylbenzylphthalate	13.421	149	159380	41.760	ng	99
81) Benzo(a)anthracene	13.998	228	343720	39.431	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	89093	39.940	ng	99
83) Chrysene	14.033	228	321973	40.941	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	229082	40.990	ng	99
85) Di-n-octyl phthalate	14.592	149	421698	40.783	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	424147	39.454	ng	99
88) Benzo(b)fluoranthene	15.045	252	340381	36.603	ng	100
89) Benzo(k)fluoranthene	15.074	252	319591	39.693	ng	99
90) Benzo(a)pyrene	15.410	252	306304	39.159	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	346385	39.251	ng	99
92) Benzo(g,h,i)perylene	17.386	276	355340	38.803	ng	99

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

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