Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073024\
Data File : BF138681.D
Acq On : 30 Jul 2024 13:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 30 17:41:58 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 17:38:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	70137	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	290994	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	157274	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	264044	20.000	ng		0.00
76) Chrysene-d12	14.004	240	144971	20.000	ng		0.00
86) Perylene-d12	15.463	264	139476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	49224	10.834	ng		0.00
7) Phenol-d6	6.475	99	67958	11.140	ng		-0.01
23) Nitrobenzene-d5	7.404	82	61942	10.407	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	13218	10.260	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	118878	11.357	ng		0.00
79) Terphenyl-d14	12.945	244	91621	10.581	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	10463	5.260	ng		98
3) Pyridine	3.369	79	24069	4.995	ng		97
4) n-Nitrosodimethylamine	3.287	42	14249	4.965	ng	#	96
6) Aniline	6.504	93	29043	5.339	ng		99
8) 2-Chlorophenol	6.628	128	25801	5.397	ng		94
9) Benzaldehyde	6.398	77	21562	5.896	ng		98
10) Phenol	6.493	94	35277	5.492	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	26204	5.302	ng		98
12) 1,3-Dichlorobenzene	6.787	146	29587	5.529	ng		99
13) 1,4-Dichlorobenzene	6.863	146	29620	5.485	ng		97
14) 1,2-Dichlorobenzene	7.010	146	28415	5.630	ng		99
15) Benzyl Alcohol	6.987	79	23244	5.287	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	47247	5.555	ng		96
17) 2-Methylphenol	7.098	107	20893	5.293	ng		96
18) Hexachloroethane	7.351	117	10859	5.342	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	19805	5.375	ng		96
20) 3+4-Methylphenols	7.251	107	29122	5.750	ng		97
22) Acetophenone	7.251	105	39162	5.496	ng		97
24) Nitrobenzene	7.422	77	31388	5.183	ng		99
25) Isophorone	7.663	82	53456	5.260	ng		100
26) 2-Nitrophenol	7.739	139	12268	4.708	ng		93
27) 2,4-Dimethylphenol	7.781	122	15906	5.102	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	32570	5.263	ng		99
29) 2,4-Dichlorophenol	7.987	162	20263	5.058	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	25030	5.414	ng		99
31) Naphthalene	8.145	128	81757	5.338	ng		100
33) 4-Chloroaniline	8.198	127	25753	5.009	ng		98
34) Hexachlorobutadiene	8.263	225	14945	5.337	ng		99
35) Caprolactam	8.528	113	5694	4.763	ng		98
36) 4-Chloro-3-methylphenol	8.681	107	23684	5.173	ng		94
37) 2-Methylnaphthalene	8.834	142	52614	5.439	ng		99
38) 1-Methylnaphthalene	8.934	142	51855	5.470	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	23837	5.456	ng		96
43) 2,4,6-Trichlorophenol	9.116	196	13303	4.994	ng		98
44) 2,4,5-Trichlorophenol	9.163	196	14479	4.972	ng		99
46) 1,1'-Biphenyl	9.298	154	67394	5.471	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.322	162	49660	5.421	ng		100
48) 2-Nitroaniline	9.422	65	15473	4.982	ng		95
49) Acenaphthylene	9.739	152	70622	5.435	ng		99
50) Dimethylphthalate	9.592	163	52521	5.223	ng		99
51) 2,6-Dinitrotoluene	9.663	165	11264	4.963	ng		95
52) Acenaphthene	9.910	154	47866	5.480	ng		98
53) 3-Nitroaniline	9.833	138	12123	5.167	ng		99
55) Dibenzofuran	10.081	168	67994	5.515	ng		99
57) 2,4-Dinitrotoluene	10.069	165	14816	5.117	ng	#	98
58) Fluorene	10.428	166	54036	5.504	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	10608	4.765	ng	#	96
60) Diethylphthalate	10.292	149	49851	5.228	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	26020	5.389	ng		99
62) 4-Nitroaniline	10.439	138	11156	5.004	ng		97
63) Azobenzene	10.575	77	56096	5.304	ng		99
66) n-Nitrosodiphenylamine	10.533	169	42403	5.138	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	14996	5.246	ng		95
68) Hexachlorobenzene	10.975	284	15270	5.173	ng		98
69) Atrazine	11.057	200	11256	5.286	ng		99
71) Phenanthrene	11.386	178	73432	5.401	ng		99
72) Anthracene	11.439	178	71415	5.332	ng		98
73) Carbazole	11.598	167	64031	5.541	ng		98
74) Di-n-butylphthalate	11.922	149	65388	5.034	ng		100
75) Fluoranthene	12.574	202	70499	5.554	ng		98
77) Benzidine	12.704	184	17784	5.129	ng		99
78) Pyrene	12.804	202	71695	5.253	ng		100
80) Butylbenzylphthalate	13.421	149	20901	4.782	ng		97
81) Benzo(a)anthracene	13.992	228	50774	5.086	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	14073	5.509	ng		98
83) Chrysene	14.027	228	48647	5.401	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	31754	4.961	ng		99
85) Di-n-octyl phthalate	14.592	149	59336	5.011	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	51232	5.126	ng		100
88) Benzo(b)fluoranthene	15.039	252	44859	5.188	ng		99
89) Benzo(k)fluoranthene	15.063	252	41920	5.600	ng		99
90) Benzo(a)pyrene	15.404	252	37810	5.199	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	42736	5.209	ng		98
92) Benzo(g,h,i)perylene	17.362	276	43978	5.165	ng		99

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

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