Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
Data File : BF139079.D
Acq On : 20 Aug 2024 17:40
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 21 01:11:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:09:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	57045	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	256989	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	141352	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	242346	20.000	ng		0.00
76) Chrysene-d12	14.051	240	197332	20.000	ng		0.00
86) Perylene-d12	15.527	264	208745	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	47665	12.855	ng		0.00
7) Phenol-d6	6.504	99	58702	12.253	ng		-0.02
23) Nitrobenzene-d5	7.451	82	35245	7.991	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	9359	7.314	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	107879	12.109	ng		0.00
79) Terphenyl-d14	12.998	244	108467	9.121	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	8428	5.300	ng	#	88
3) Pyridine	3.446	79	22149	5.481	ng	#	82
4) n-Nitrosodimethylamine	3.387	42	17500	7.168	ng	#	80
6) Aniline	6.551	93	27137	6.274	ng		95
8) 2-Chlorophenol	6.675	128	21800	6.113	ng		97
10) Phenol	6.522	94	30387m	6.096	ng		
11) bis(2-Chloroethyl)ether	6.628	93	27277	6.830	ng		93
12) 1,3-Dichlorobenzene	6.834	146	26422	6.162	ng		93
13) 1,4-Dichlorobenzene	6.916	146	25715	5.998	ng		99
14) 1,2-Dichlorobenzene	7.063	146	21557	5.502	ng		98
15) Benzyl Alcohol	7.028	79	22935	6.057	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	38401	6.800	ng		97
17) 2-Methylphenol	7.133	107	17809	5.837	ng		93
18) Hexachloroethane	7.410	117	9655	6.422	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	20463	6.504	ng	#	88
20) 3+4-Methylphenols	7.286	107	24332	6.155	ng		95
22) Acetophenone	7.298	105	34799	5.303	ng	#	90
24) Nitrobenzene	7.469	77	21057	4.295	ng		91
25) Isophorone	7.710	82	49355	5.265	ng		98
26) 2-Nitrophenol	7.792	139	4091	7.707	ng		90
27) 2,4-Dimethylphenol	7.822	122	17686	5.950	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	31434	5.739	ng		99
29) 2,4-Dichlorophenol	8.028	162	18852	5.091	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	23799	5.488	ng		98
31) Naphthalene	8.198	128	70061	5.380	ng		99
33) 4-Chloroaniline	8.245	127	22945	5.145	ng		94
34) Hexachlorobutadiene	8.316	225	15035	5.308	ng		98
35) Caprolactam	8.569	113	5765	4.911	ng	#	78
36) 4-Chloro-3-methylphenol	8.710	107	21399	5.219	ng		97
37) 2-Methylnaphthalene	8.886	142	48689	5.829	ng		100
38) 1-Methylnaphthalene	8.986	142	43505	5.396	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	31957	5.793	ng		95
41) Hexachlorocyclopentadiene	9.045	237	7142	4.802	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	14406	5.516	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	14166	5.285	ng		95
46) 1,1'-Biphenyl	9.351	154	47097	4.864	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.375	162	42691	5.426	ng		99
48) 2-Nitroaniline	9.463	65	5652	7.868	ng	#	83
49) Acenaphthylene	9.792	152	58505	5.191	ng		99
50) Dimethylphthalate	9.645	163	43778	5.017	ng		98
51) 2,6-Dinitrotoluene	9.710	165	3282	6.216	ng	#	73
52) Acenaphthene	9.963	154	41719	5.604	ng		99
53) 3-Nitroaniline	9.874	138	4355	6.420	ng	#	76
55) Dibenzofuran	10.133	168	56918	5.264	ng		99
57) 2,4-Dinitrotoluene	10.104	165	3835	7.091	ng	#	67
58) Fluorene	10.474	166	49312	5.706	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	9162	4.257	ng		100
60) Diethylphthalate	10.351	149	45043	5.209	ng		97
61) 4-Chlorophenyl-phenyle...	10.474	204	24840	5.755	ng		98
62) 4-Nitroaniline	10.480	138	4902	6.235	ng	#	76
63) Azobenzene	10.627	77	53740	5.593	ng		91
66) n-Nitrosodiphenylamine	10.586	169	42842	5.975	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	13787	5.369	ng		92
68) Hexachlorobenzene	11.021	284	15428	5.600	ng		97
69) Atrazine	11.110	200	14600	6.667	ng		97
70) Pentachlorophenol	11.210	266	8196	4.657	ng		95
71) Phenanthrene	11.439	178	74418	6.041	ng		99
72) Anthracene	11.492	178	70978	5.892	ng		98
73) Carbazole	11.645	167	67389	5.991	ng		100
74) Di-n-butylphthalate	11.980	149	83170	6.376	ng		99
75) Fluoranthene	12.627	202	77258	5.876	ng		98
77) Benzidine	12.751	184	20231	4.963	ng		99
78) Pyrene	12.857	202	77260	4.692	ng		99
80) Butylbenzylphthalate	13.480	149	24272	4.260	ng		92
81) Benzo(a)anthracene	14.045	228	72891	5.619	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	21174	5.840	ng		98
83) Chrysene	14.080	228	60621	5.156	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	36952	4.892	ng		100
85) Di-n-octyl phthalate	14.657	149	61061	5.760	ng		95
87) Indeno(1,2,3-cd)pyrene	16.998	276	47457	3.885	ng		97
88) Benzo(b)fluoranthene	15.092	252	76926	5.653	ng		99
89) Benzo(k)fluoranthene	15.121	252	54822	4.837	ng		99
90) Benzo(a)pyrene	15.462	252	54925	5.108	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	38904	3.879	ng		98
92) Benzo(g,h,i)perylene	17.445	276	33473	5.546	ng		98

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

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