Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
Data File : BF139083.D
Acq On : 20 Aug 2024 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 21 01:16:13 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	120087	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	428233	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	244726	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	435216	20.000	ng		0.00
76) Chrysene-d12	14.057	240	257983	20.000	ng		0.00
86) Perylene-d12	15.533	264	221684	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	709868	90.946	ng		0.00
7) Phenol-d6	6.528	99	927595	91.973	ng		0.00
23) Nitrobenzene-d5	7.463	82	780517	106.205	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	228423	103.104	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1403411	90.986	ng		0.00
79) Terphenyl-d14	13.010	244	1602961	103.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	158525	47.352	ng		98
3) Pyridine	3.446	79	397241	46.694	ng		98
4) n-Nitrosodimethylamine	3.416	42	230786	44.907	ng		98
6) Aniline	6.563	93	441143	48.452	ng		98
8) 2-Chlorophenol	6.687	128	348670	46.443	ng		97
9) Benzaldehyde	6.451	77	253071	42.784	ng		98
10) Phenol	6.540	94	482496	45.979	ng		99
11) bis(2-Chloroethyl)ether	6.640	93	362974	43.175	ng		99
12) 1,3-Dichlorobenzene	6.840	146	412211	45.667	ng		99
13) 1,4-Dichlorobenzene	6.916	146	414519	45.930	ng		99
14) 1,2-Dichlorobenzene	7.069	146	383462	46.490	ng		99
15) Benzyl Alcohol	7.040	79	367836	46.146	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	530737	44.645	ng		99
17) 2-Methylphenol	7.145	107	300054	46.718	ng		99
18) Hexachloroethane	7.410	117	145566	45.997	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	286633	43.277	ng		98
20) 3+4-Methylphenols	7.304	107	377765	45.396	ng	#	87
22) Acetophenone	7.310	105	522165	47.756	ng	#	96
24) Nitrobenzene	7.487	77	422770	51.754	ng		99
25) Isophorone	7.722	82	742295	47.521	ng		99
26) 2-Nitrophenol	7.798	139	134698	47.369	ng		99
27) 2,4-Dimethylphenol	7.828	122	234033	47.248	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	420910	46.117	ng		99
29) 2,4-Dichlorophenol	8.034	162	297490	48.209	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	336604	46.584	ng		99
31) Naphthalene	8.204	128	1011804	46.625	ng		100
32) Benzoic acid	7.951	122	196362	47.307	ng		96
33) 4-Chloroaniline	8.257	127	353187	47.522	ng		99
34) Hexachlorobutadiene	8.322	225	220457	46.706	ng		98
35) Caprolactam	8.628	113	95778	48.962	ng		96
36) 4-Chloro-3-methylphenol	8.728	107	325883	47.695	ng		100
37) 2-Methylnaphthalene	8.892	142	639945	45.976	ng		100
38) 1-Methylnaphthalene	8.992	142	626401	46.628	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	324789	48.823	ng		99
41) Hexachlorocyclopentadiene	9.045	237	129139	50.150	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	220485	48.765	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	222250	47.888	ng		99
46) 1,1'-Biphenyl	9.357	154	796005	47.482	ng		99
47) 2-Chloronaphthalene	9.381	162	640430	47.016	ng		99
48) 2-Nitroaniline	9.475	65	185732	47.625	ng		99
49) Acenaphthylene	9.798	152	931863	47.756	ng		99
50) Dimethylphthalate	9.663	163	722749	47.837	ng		100
51) 2,6-Dinitrotoluene	9.722	165	148393	48.876	ng		96
52) Acenaphthene	9.969	154	602546	46.747	ng		100
53) 3-Nitroaniline	9.886	138	148944	48.524	ng		97
54) 2,4-Dinitrophenol	9.986	184	48952	48.733	ng	#	71
55) Dibenzofuran	10.139	168	881838	47.102	ng		100
56) 4-Nitrophenol	10.033	139	121765	53.318	ng		97
57) 2,4-Dinitrotoluene	10.122	165	181675	47.840	ng		98
58) Fluorene	10.486	166	698713	46.700	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	187360	50.280	ng		99
60) Diethylphthalate	10.363	149	718768	48.014	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	350687	46.930	ng		99
62) 4-Nitroaniline	10.504	138	151761	48.866	ng		99
63) Azobenzene	10.639	77	793171	47.679	ng		100
65) 4,6-Dinitro-2-methylph...	10.528	198	77438	49.099	ng		97
66) n-Nitrosodiphenylamine	10.598	169	591363	45.922	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	216829	47.017	ng		99
68) Hexachlorobenzene	11.027	284	233747	47.245	ng		100
69) Atrazine	11.122	200	177936	45.242	ng		99
70) Pentachlorophenol	11.216	266	161268	51.028	ng		98
71) Phenanthrene	11.445	178	1020127	46.116	ng		100
72) Anthracene	11.498	178	1005538	46.480	ng		100
73) Carbazole	11.651	167	940634	46.563	ng		100
74) Di-n-butylphthalate	11.986	149	1074018	45.851	ng		100
75) Fluoranthene	12.633	202	1088934	46.121	ng		100
77) Benzidine	12.751	184	283155	53.135	ng		99
78) Pyrene	12.863	202	1099257	51.059	ng		100
80) Butylbenzylphthalate	13.486	149	389571	52.304	ng		99
81) Benzo(a)anthracene	14.051	228	794569	46.853	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	212078	44.739	ng		99
83) Chrysene	14.086	228	716847	46.635	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	492852	49.913	ng		100
85) Di-n-octyl phthalate	14.663	149	643574	46.438	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	725173	55.893	ng		100
88) Benzo(b)fluoranthene	15.104	252	639143	44.224	ng		99
89) Benzo(k)fluoranthene	15.133	252	564533	46.900	ng		99
90) Benzo(a)pyrene	15.468	252	543904	47.628	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	593343	55.711	ng		99
92) Benzo(g,h,i)perylene	17.468	276	611003	50.085	ng		100

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

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