Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
Data File : BF139081.D
Acq On : 20 Aug 2024 18:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 21 01:13:37 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	114177	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	422575	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	244023	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	428750	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319277	20.000	ng	0.00
86) Perylene-d12	15.527	264	230136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	304769	41.067	ng	0.00
7) Phenol-d6	6.510	99	396605	41.360	ng	-0.01
23) Nitrobenzene-d5	7.457	82	284330	39.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	92973	42.086	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	647309	42.087	ng	0.00
79) Terphenyl-d14	13.004	244	730296	37.954	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	66120	20.773	ng	98
3) Pyridine	3.440	79	176276	21.793	ng	99
4) n-Nitrosodimethylamine	3.387	42	93802	19.197	ng	99
6) Aniline	6.557	93	185690	21.451	ng	98
8) 2-Chlorophenol	6.675	128	149421	20.933	ng	99
9) Benzaldehyde	6.446	77	132737	23.602	ng	100
10) Phenol	6.528	94	210003	21.048	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	156895	19.628	ng	99
12) 1,3-Dichlorobenzene	6.834	146	179960	20.969	ng	100
13) 1,4-Dichlorobenzene	6.916	146	179504	20.919	ng	99
14) 1,2-Dichlorobenzene	7.069	146	169278	21.585	ng	99
15) Benzyl Alcohol	7.034	79	155989	20.582	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	233253	20.637	ng	99
17) 2-Methylphenol	7.140	107	127205	20.831	ng	99
18) Hexachloroethane	7.410	117	60756	20.192	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	124292	19.738	ng	99
20) 3+4-Methylphenols	7.293	107	165120	20.870	ng	99
22) Acetophenone	7.304	105	227379	21.074	ng	99
24) Nitrobenzene	7.475	77	161405	20.023	ng	99
25) Isophorone	7.710	82	317928	20.626	ng	100
26) 2-Nitrophenol	7.793	139	42329	18.897	ng	96
27) 2,4-Dimethylphenol	7.822	122	98954	20.245	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	186031	20.655	ng	99
29) 2,4-Dichlorophenol	8.028	162	126408	20.759	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	148682	20.852	ng	100
31) Naphthalene	8.198	128	452369	21.125	ng	100
32) Benzoic acid	7.910	122	56067	19.885	ng	94
33) 4-Chloroaniline	8.245	127	153489	20.929	ng	98
34) Hexachlorobutadiene	8.316	225	97779	20.993	ng	99
35) Caprolactam	8.598	113	38680	20.038	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	139226	20.649	ng	99
37) 2-Methylnaphthalene	8.892	142	286679	20.872	ng	100
38) 1-Methylnaphthalene	8.987	142	281380	21.226	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	145276	20.223	ng	100
41) Hexachlorocyclopentadiene	9.045	237	53093	20.678	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	92295	20.472	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	93701	20.248	ng		99
46) 1,1'-Biphenyl	9.351	154	360920	21.591	ng		99
47) 2-Chloronaphthalene	9.381	162	285784	21.041	ng		98
48) 2-Nitroaniline	9.469	65	57242	18.629	ng		98
49) Acenaphthylene	9.792	152	412294	21.190	ng		100
50) Dimethylphthalate	9.651	163	315889	20.968	ng		100
51) 2,6-Dinitrotoluene	9.710	165	49197	19.266	ng		98
52) Acenaphthene	9.969	154	261714	20.363	ng		99
53) 3-Nitroaniline	9.881	138	51606	19.585	ng	#	98
54) 2,4-Dinitrophenol	9.981	184	12058	19.453	ng	#	1
55) Dibenzofuran	10.139	168	396151	21.221	ng		98
56) 4-Nitrophenol	10.022	139	41271	18.124	ng		97
57) 2,4-Dinitrotoluene	10.110	165	55907	18.598	ng		98
58) Fluorene	10.481	166	310711	20.827	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	79240	21.326	ng		99
60) Diethylphthalate	10.351	149	309251	20.718	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	155161	20.824	ng		98
62) 4-Nitroaniline	10.486	138	52096	19.256	ng		96
63) Azobenzene	10.634	77	340418	20.522	ng		100
65) 4,6-Dinitro-2-methylph...	10.516	198	19851	19.345	ng		97
66) n-Nitrosodiphenylamine	10.586	169	262973	20.729	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	96912	21.331	ng		98
68) Hexachlorobenzene	11.022	284	98858	20.282	ng		98
69) Atrazine	11.116	200	84369	21.775	ng		99
70) Pentachlorophenol	11.216	266	62951	20.219	ng		98
71) Phenanthrene	11.439	178	456936	20.968	ng		99
72) Anthracene	11.492	178	443551	20.812	ng		100
73) Carbazole	11.645	167	418398	21.024	ng		100
74) Di-n-butylphthalate	11.980	149	470595	20.393	ng		99
75) Fluoranthene	12.628	202	493896	21.234	ng		99
77) Benzidine	12.751	184	117462	17.811	ng		99
78) Pyrene	12.857	202	512819	19.247	ng		99
80) Butylbenzylphthalate	13.480	149	179950	19.522	ng		99
81) Benzo(a)anthracene	14.045	228	429888	20.483	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	130003	22.160	ng		100
83) Chrysene	14.080	228	411307	21.621	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	241559	19.767	ng		100
85) Di-n-octyl phthalate	14.657	149	349298	20.366	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	258712	19.208	ng		99
88) Benzo(b)fluoranthene	15.098	252	319834	21.317	ng		99
89) Benzo(k)fluoranthene	15.127	252	296462	23.725	ng		99
90) Benzo(a)pyrene	15.463	252	250079	21.094	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	212214	19.194	ng		99
92) Benzo(g,h,i)perylene	17.451	276	222690	19.397	ng		99

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

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