Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139217.D
Acq On : 29 Aug 2024 12:16
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 29 15:32:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:21:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	99922	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	373137	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	219112	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	379575	20.000	ng		0.00
76) Chrysene-d12	14.045	240	226502	20.000	ng		0.00
86) Perylene-d12	15.515	264	166695	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	127816	20.506	ng		0.00
7) Phenol-d6	6.504	99	172021	20.804	ng		-0.01
23) Nitrobenzene-d5	7.445	82	151034	19.457	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	42278	19.236	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	293743	20.874	ng		0.00
79) Terphenyl-d14	12.992	244	308580	19.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	27163	9.963	ng		99
3) Pyridine	3.422	79	71332	10.286	ng		100
4) n-Nitrosodimethylamine	3.363	42	36611	9.768	ng		99
6) Aniline	6.545	93	79359	10.420	ng		99
8) 2-Chlorophenol	6.669	128	65202	10.410	ng		99
9) Benzaldehyde	6.434	77	59293	11.245	ng		99
10) Phenol	6.516	94	89966	10.406	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	64970	10.188	ng		99
12) 1,3-Dichlorobenzene	6.828	146	76334	10.296	ng		98
13) 1,4-Dichlorobenzene	6.904	146	78244	10.445	ng		99
14) 1,2-Dichlorobenzene	7.057	146	72975	10.407	ng		99
15) Benzyl Alcohol	7.022	79	65155	10.118	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	93317	10.302	ng		99
17) 2-Methylphenol	7.128	107	54244	10.256	ng		99
18) Hexachloroethane	7.398	117	26067	10.047	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	52580	10.220	ng		98
20) 3+4-Methylphenols	7.281	107	72353	10.556	ng	#	89
22) Acetophenone	7.292	105	99014	10.431	ng		97
24) Nitrobenzene	7.463	77	80284	9.890	ng		98
25) Isophorone	7.698	82	135875	10.100	ng		99
26) 2-Nitrophenol	7.781	139	25528	8.785	ng		98
27) 2,4-Dimethylphenol	7.816	122	42599	9.992	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	80618	10.292	ng		96
29) 2,4-Dichlorophenol	8.022	162	55541	10.127	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	64359	10.226	ng		98
31) Naphthalene	8.192	128	198785	10.390	ng		99
32) Benzoic acid	7.881	122	28048	7.406	ng		96
33) 4-Chloroaniline	8.234	127	66873	10.196	ng		99
34) Hexachlorobutadiene	8.310	225	41993	10.122	ng		99
35) Caprolactam	8.569	113	16201	9.916	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	60658	10.075	ng		100
37) 2-Methylnaphthalene	8.881	142	124579	10.335	ng		100
38) 1-Methylnaphthalene	8.981	142	125427	10.550	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	65232	10.017	ng		100
41) Hexachlorocyclopentadiene	9.034	237	20630	9.045	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	40022	9.662	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	45462	10.198	ng		98
46) 1,1'-Biphenyl	9.345	154	161052	10.256	ng		98
47) 2-Chloronaphthalene	9.369	162	127187	10.203	ng		99
48) 2-Nitroaniline	9.463	65	35431	9.230	ng		99
49) Acenaphthylene	9.781	152	181612	10.249	ng		98
50) Dimethylphthalate	9.639	163	138615	10.103	ng		99
51) 2,6-Dinitrotoluene	9.704	165	27585	9.303	ng		99
52) Acenaphthene	9.957	154	117287	9.914	ng		99
53) 3-Nitroaniline	9.869	138	27931	9.562	ng		95
54) 2,4-Dinitrophenol	9.975	184	7530	11.365	ng	#	76
55) Dibenzofuran	10.128	168	174952	10.267	ng		99
56) 4-Nitrophenol	10.016	139	20582	9.215	ng		96
57) 2,4-Dinitrotoluene	10.104	165	34212	9.159	ng		96
58) Fluorene	10.469	166	140257	10.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	35851	10.142	ng		96
60) Diethylphthalate	10.339	149	132168	10.079	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	70117	10.363	ng		99
62) 4-Nitroaniline	10.475	138	27605	9.625	ng		98
63) Azobenzene	10.622	77	148643	10.284	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	12614	6.727	ng		94
66) n-Nitrosodiphenylamine	10.580	169	115759	10.268	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	41883	10.153	ng		98
68) Hexachlorobenzene	11.016	284	45390	10.060	ng		98
69) Atrazine	11.104	200	32982	11.762	ng		100
70) Pentachlorophenol	11.210	266	26479	9.275	ng		99
71) Phenanthrene	11.433	178	200327	10.493	ng		99
72) Anthracene	11.480	178	193710	10.394	ng		99
73) Carbazole	11.639	167	172186	10.472	ng		99
74) Di-n-butylphthalate	11.969	149	181583	10.329	ng		99
75) Fluoranthene	12.622	202	206079	10.964	ng		99
77) Benzidine	12.739	184	34136	7.626	ng		100
78) Pyrene	12.851	202	209256	9.614	ng		99
80) Butylbenzylphthalate	13.469	149	47092	9.284	ng		97
81) Benzo(a)anthracene	14.033	228	149689	10.091	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	36372	9.338	ng		97
83) Chrysene	14.068	228	140493	10.175	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	46358	8.495	ng		99
85) Di-n-octyl phthalate	14.645	149	80015	7.520	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	113383	9.647	ng		100
88) Benzo(b)fluoranthene	15.086	252	101039	10.120	ng		99
89) Benzo(k)fluoranthene	15.115	252	93468	10.736	ng		99
90) Benzo(a)pyrene	15.451	252	83071	9.868	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	95360	9.750	ng		98
92) Benzo(g,h,i)perylene	17.433	276	95253	9.663	ng		100

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

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