Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139216.D
Acq On : 29 Aug 2024 11:46
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 29 15:31:21 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	98544	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	368862	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	217004	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	391897	20.000	ng		0.00
76) Chrysene-d12	14.045	240	237897	20.000	ng		0.00
86) Perylene-d12	15.515	264	172331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	64825	10.545	ng		-0.01
7) Phenol-d6	6.504	99	87399	10.718	ng		-0.01
23) Nitrobenzene-d5	7.445	82	75293	9.812	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	21644	9.943	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	156540	11.232	ng		0.00
79) Terphenyl-d14	12.992	244	167753	10.164	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	14259	5.303	ng		97
3) Pyridine	3.428	79	35689	5.218	ng		99
4) n-Nitrosodimethylamine	3.363	42	18336	4.960	ng	#	99
6) Aniline	6.545	93	40764	5.427	ng		97
8) 2-Chlorophenol	6.669	128	32947	5.334	ng		97
10) Phenol	6.516	94	45663	5.355	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	33408	5.312	ng		100
12) 1,3-Dichlorobenzene	6.828	146	39938	5.462	ng		99
13) 1,4-Dichlorobenzene	6.904	146	39882	5.398	ng		99
14) 1,2-Dichlorobenzene	7.057	146	38761	5.605	ng		98
15) Benzyl Alcohol	7.022	79	33429	5.264	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	48237	5.400	ng		98
17) 2-Methylphenol	7.128	107	26877	5.153	ng		96
18) Hexachloroethane	7.398	117	13225	5.168	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	27381	5.396	ng		97
20) 3+4-Methylphenols	7.281	107	36805	5.445	ng		96
22) Acetophenone	7.287	105	50853	5.419	ng		96
24) Nitrobenzene	7.463	77	39881	4.970	ng		98
25) Isophorone	7.698	82	70231	5.281	ng		98
26) 2-Nitrophenol	7.781	139	11249	3.916	ng		95
27) 2,4-Dimethylphenol	7.816	122	21512	5.104	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	41443	5.352	ng		98
29) 2,4-Dichlorophenol	8.016	162	28019	5.168	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	33316	5.355	ng		99
31) Naphthalene	8.192	128	102389	5.413	ng		99
33) 4-Chloroaniline	8.234	127	35116	5.416	ng		99
34) Hexachlorobutadiene	8.304	225	21653	5.280	ng		97
35) Caprolactam	8.563	113	8341	5.164	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	30533	5.130	ng		99
37) 2-Methylnaphthalene	8.881	142	64339	5.399	ng		98
38) 1-Methylnaphthalene	8.981	142	64379	5.478	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	35443	5.496	ng		97
41) Hexachlorocyclopentadiene	9.034	237	9910	4.387	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	20218	4.928	ng		100
44) 2,4,5-Trichlorophenol	9.186	196	22880	5.183	ng		98
46) 1,1'-Biphenyl	9.345	154	83689	5.381	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.369	162	66158	5.359	ng		98
48) 2-Nitroaniline	9.457	65	16176	4.255	ng		97
49) Acenaphthylene	9.781	152	93144	5.308	ng		100
50) Dimethylphthalate	9.639	163	73606	5.417	ng		99
51) 2,6-Dinitrotoluene	9.698	165	12946	4.408	ng		94
52) Acenaphthene	9.957	154	61474	5.247	ng		98
53) 3-Nitroaniline	9.869	138	13300	4.598	ng	#	92
55) Dibenzofuran	10.128	168	92402	5.475	ng		98
56) 4-Nitrophenol	10.016	139	9646	4.361	ng		98
57) 2,4-Dinitrotoluene	10.098	165	14751	3.987	ng	#	91
58) Fluorene	10.469	166	74928	5.610	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	16900	4.827	ng		94
60) Diethylphthalate	10.339	149	69966	5.387	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	37092	5.535	ng		98
62) 4-Nitroaniline	10.475	138	13128	4.622	ng		97
63) Azobenzene	10.622	77	75684	5.287	ng		100
66) n-Nitrosodiphenylamine	10.575	169	61482	5.282	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	21750	5.107	ng		99
68) Hexachlorobenzene	11.016	284	23863	5.123	ng		98
69) Atrazine	11.104	200	17458	6.030	ng		99
70) Pentachlorophenol	11.204	266	12655	4.293	ng		98
71) Phenanthrene	11.433	178	107128	5.435	ng		99
72) Anthracene	11.480	178	103178	5.362	ng		99
73) Carbazole	11.633	167	91846	5.410	ng		99
74) Di-n-butylphthalate	11.969	149	96493	5.316	ng		99
75) Fluoranthene	12.616	202	109818	5.659	ng		99
78) Pyrene	12.845	202	115128	5.036	ng		98
80) Butylbenzylphthalate	13.469	149	23753	4.459	ng		96
81) Benzo(a)anthracene	14.033	228	82314	5.283	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	17944	4.386	ng		96
83) Chrysene	14.068	228	76943	5.305	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	25357	4.424	ng		100
85) Di-n-octyl phthalate	14.645	149	44167	3.952	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	57803	4.757	ng		99
88) Benzo(b)fluoranthene	15.080	252	57135	5.535	ng		97
89) Benzo(k)fluoranthene	15.110	252	48553	5.395	ng		98
90) Benzo(a)pyrene	15.451	252	45072	5.179	ng		97
91) Dibenzo(a,h)anthracene	17.009	278	48877	4.834	ng		99
92) Benzo(g,h,i)perylene	17.433	276	48370	4.746	ng		98

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

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