Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
Data File : BF130800.D
Acq On : 27 Oct 2022 15:52
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 28 03:13:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 03:09:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	107926	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	429733	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	246018	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	462626	20.000	ng		0.00
76) Chrysene-d12	14.139	240	360399	20.000	ng		0.00
86) Perylene-d12	15.657	264	261826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	68606	11.026	ng		0.00
7) Phenol-d6	6.557	99	88505	11.368	ng		-0.01
23) Nitrobenzene-d5	7.510	82	59499	7.073	ng		-0.01
42) 2,4,6-Tribromophenol	10.786	330	19129	8.115	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	179629	10.632	ng		0.00
79) Terphenyl-d14	13.074	244	194764	8.952	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	14855	5.198	ng	#	90
3) Pyridine	3.546	79	42666	5.723	ng		97
4) n-Nitrosodimethylamine	3.493	42	22693	5.597	ng	#	95
6) Aniline	6.610	93	53767	5.605	ng		98
8) 2-Chlorophenol	6.728	128	38793	5.473	ng		96
9) Benzaldehyde	6.504	77	33340	6.393	ng		95
10) Phenol	6.569	94	48522	5.318	ng		91
11) bis(2-Chloroethyl)ether	6.681	93	37678	5.725	ng		96
12) 1,3-Dichlorobenzene	6.892	146	44254	5.674	ng		97
13) 1,4-Dichlorobenzene	6.969	146	45360	5.703	ng		98
14) 1,2-Dichlorobenzene	7.122	146	42471	5.716	ng		99
15) Benzyl Alcohol	7.081	79	37064	6.004	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.222	45	66392	6.917	ng		98
17) 2-Methylphenol	7.186	107	31767	5.513	ng		95
18) Hexachloroethane	7.469	117	15343	4.894	ng		98
19) n-Nitroso-di-n-propyla...	7.351	70	29698	5.653	ng		96
20) 3+4-Methylphenols	7.339	107	43752	5.845	ng		92
22) Acetophenone	7.357	105	56632	5.390	ng	#	98
24) Nitrobenzene	7.528	77	33643	3.939	ng		96
25) Isophorone	7.769	82	76328	5.630	ng		97
26) 2-Nitrophenol	7.851	139	8428	2.407	ng		93
27) 2,4-Dimethylphenol	7.875	122	32050	5.945	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	44898	5.881	ng		99
29) 2,4-Dichlorophenol	8.081	162	31296	5.298	ng		97
30) 1,2,4-Trichlorobenzene	8.175	180	35176	5.507	ng		99
31) Naphthalene	8.263	128	122268	5.523	ng		98
33) 4-Chloroaniline	8.304	127	47508	5.642	ng		97
34) Hexachlorobutadiene	8.375	225	23582	5.777	ng		95
35) Caprolactam	8.628	113	10122	5.977	ng		95
36) 4-Chloro-3-methylphenol	8.769	107	34490	5.267	ng		95
37) 2-Methylnaphthalene	8.951	142	78050	5.529	ng		98
38) 1-Methylnaphthalene	9.051	142	77425	5.710	ng		98
40) 1,2,4,5-Tetrachloroben...	9.116	216	37560	5.594	ng		98
41) Hexachlorocyclopentadiene	9.104	237	16138	4.490	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	23563	5.029	ng		99
44) 2,4,5-Trichlorophenol	9.257	196	25123	4.969	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.416	154	95525	5.199	ng		98
47) 2-Chloronaphthalene	9.439	162	76300	5.133	ng		95
48) 2-Nitroaniline	9.533	65	12173	2.456	ng		90
49) Acenaphthylene	9.857	152	119810	5.376	ng		98
50) Dimethylphthalate	9.710	163	89723	5.280	ng		99
51) 2,6-Dinitrotoluene	9.775	165	9160	2.577	ng		92
52) Acenaphthene	10.033	154	71175	4.861	ng		99
53) 3-Nitroaniline	9.939	138	11251	2.841	ng	#	92
55) Dibenzofuran	10.204	168	108295	5.317	ng		95
56) 4-Nitrophenol	10.080	139	9050	3.138	ng		91
57) 2,4-Dinitrotoluene	10.175	165	10204	2.247	ng	#	95
58) Fluorene	10.545	166	88152	5.293	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21130	5.339	ng		97
60) Diethylphthalate	10.416	149	87642	5.143	ng		97
61) 4-Chlorophenyl-phenyle...	10.539	204	41916	5.737	ng		98
62) 4-Nitroaniline	10.551	138	12191	3.064	ng		93
63) Azobenzene	10.698	77	89905	5.123	ng		98
66) n-Nitrosodiphenylamine	10.651	169	76490	4.948	ng		97
67) 4-Bromophenyl-phenylether	11.033	248	24848	4.869	ng		99
68) Hexachlorobenzene	11.092	284	26940	4.657	ng		99
69) Atrazine	11.174	200	23483	5.198	ng		98
70) Pentachlorophenol	11.280	266	12527	4.035	ng		97
71) Phenanthrene	11.516	178	133149	5.126	ng		98
72) Anthracene	11.563	178	132135	5.272	ng		97
73) Carbazole	11.716	167	115875	5.122	ng		99
74) Di-n-butylphthalate	12.051	149	138613	5.081	ng		98
75) Fluoranthene	12.704	202	141783	5.649	ng		100
77) Benzidine	12.827	184	65190	6.231	ng		99
78) Pyrene	12.933	202	146030	4.632	ng		97
80) Butylbenzylphthalate	13.557	149	47337	4.053	ng		93
81) Benzo(a)anthracene	14.127	228	125507	5.235	ng		99
82) 3,3'-Dichlorobenzidine	14.086	252	33411	5.119	ng		95
83) Chrysene	14.163	228	124647	5.475	ng		96
84) Bis(2-ethylhexyl)phtha...	14.115	149	59737	4.465	ng		97
85) Di-n-octyl phthalate	14.739	149	77727	3.799	ng		100
87) Indeno(1,2,3-cd)pyrene	17.198	276	67984	3.662	ng		99
88) Benzo(b)fluoranthene	15.204	252	90757	5.311	ng		99
89) Benzo(k)fluoranthene	15.233	252	92429	5.498	ng		97
90) Benzo(a)pyrene	15.586	252	69199	5.111	ng	#	94
91) Dibenzo(a,h)anthracene	17.221	278	55532	3.646	ng		99
92) Benzo(g,h,i)perylene	17.662	276	53420	3.482	ng		96

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

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