Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136405.D
Acq On : 05 Dec 2023 14:30
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Dec 06 09:34:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:31:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	114851	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	485478	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	254420	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	488081	20.000	ng		0.00
76) Chrysene-d12	13.974	240	298614	20.000	ng		0.00
86) Perylene-d12	15.451	264	224721	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	334648	43.031	ng		0.00
7) Phenol-d6	6.434	99	413579	42.624	ng		-0.01
23) Nitrobenzene-d5	7.363	82	373859	41.631	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	131479	41.912	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	793165	42.539	ng		0.00
79) Terphenyl-d14	12.916	244	948890	41.883	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	64508	20.971	ng		99
3) Pyridine	3.340	79	156406	20.996	ng		99
4) n-Nitrosodimethylamine	3.287	42	67959	20.999	ng		91
6) Aniline	6.463	93	207659	21.177	ng		98
8) 2-Chlorophenol	6.587	128	180747	21.289	ng		99
9) Benzaldehyde	6.357	77	119375	21.728	ng		95
10) Phenol	6.446	94	219899	21.298	ng		93
11) bis(2-Chloroethyl)ether	6.540	93	162188	21.075	ng		99
12) 1,3-Dichlorobenzene	6.740	146	200970	21.049	ng		98
13) 1,4-Dichlorobenzene	6.816	146	202386	20.896	ng		98
14) 1,2-Dichlorobenzene	6.969	146	195569	21.473	ng		99
15) Benzyl Alcohol	6.940	79	141315	21.750	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	212845	21.504	ng		98
17) 2-Methylphenol	7.051	107	146246	21.321	ng		98
18) Hexachloroethane	7.310	117	71796	21.232	ng		97
19) n-Nitroso-di-n-propyla...	7.210	70	118685	21.205	ng		98
20) 3+4-Methylphenols	7.204	107	186064	21.855	ng		96
22) Acetophenone	7.210	105	249865	20.842	ng	#	96
24) Nitrobenzene	7.381	77	185782	20.565	ng		97
25) Isophorone	7.616	82	333289	20.658	ng		100
26) 2-Nitrophenol	7.693	139	91250	20.546	ng		98
27) 2,4-Dimethylphenol	7.734	122	115180	21.032	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	207987	20.979	ng		99
29) 2,4-Dichlorophenol	7.934	162	149273	20.651	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	174479	20.700	ng		96
31) Naphthalene	8.098	128	557368	20.819	ng		99
32) Benzoic acid	7.834	122	108497	19.923	ng		99
33) 4-Chloroaniline	8.151	127	201996	21.164	ng		99
34) Hexachlorobutadiene	8.216	225	103575	20.734	ng		99
35) Caprolactam	8.510	113	45973	20.652	ng		94
36) 4-Chloro-3-methylphenol	8.628	107	160345	20.892	ng		98
37) 2-Methylnaphthalene	8.792	142	356264	20.917	ng		98
38) 1-Methylnaphthalene	8.892	142	347765	20.808	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	166327	21.013	ng		99
41) Hexachlorocyclopentadiene	8.945	237	55964	19.084	ng		97
43) 2,4,6-Trichlorophenol	9.069	196	108481	21.048	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	122797	21.348	ng	#	93
46) 1,1'-Biphenyl	9.257	154	458892	21.197	ng		99
47) 2-Chloronaphthalene	9.281	162	351148	20.840	ng		99
48) 2-Nitroaniline	9.375	65	94225	20.850	ng		96
49) Acenaphthylene	9.698	152	509527	21.228	ng		98
50) Dimethylphthalate	9.557	163	392490	20.954	ng		99
51) 2,6-Dinitrotoluene	9.622	165	87838	20.844	ng		97
52) Acenaphthene	9.869	154	326900	21.258	ng		97
53) 3-Nitroaniline	9.787	138	90486	21.028	ng		92
54) 2,4-Dinitrophenol	9.898	184	39621	18.596	ng		93
55) Dibenzofuran	10.039	168	472612	21.033	ng		99
56) 4-Nitrophenol	9.951	139	68582	21.260	ng		89
57) 2,4-Dinitrotoluene	10.022	165	117024	20.992	ng		94
58) Fluorene	10.386	166	388411	21.534	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	98310	21.336	ng		99
60) Diethylphthalate	10.257	149	385052	20.905	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	189260	21.524	ng		93
62) 4-Nitroaniline	10.398	138	90268	21.126	ng		94
63) Azobenzene	10.539	77	356084	21.240	ng		97
65) 4,6-Dinitro-2-methylph...	10.434	198	61834	20.456	ng		90
66) n-Nitrosodiphenylamine	10.498	169	324309	20.707	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	118354	20.856	ng		96
68) Hexachlorobenzene	10.933	284	134056	20.439	ng		94
69) Atrazine	11.028	200	94928	21.236	ng		97
70) Pentachlorophenol	11.128	266	76566	20.685	ng		99
71) Phenanthrene	11.351	178	559461	20.854	ng		98
72) Anthracene	11.398	178	561900	20.795	ng		99
73) Carbazole	11.557	167	498089	20.827	ng		100
74) Di-n-butylphthalate	11.892	149	617237	21.053	ng		99
75) Fluoranthene	12.539	202	594398	21.143	ng		98
77) Benzidine	12.669	184	114907	23.112	ng		98
78) Pyrene	12.769	202	594651	20.333	ng		100
80) Butylbenzylphthalate	13.398	149	214367	20.591	ng		95
81) Benzo(a)anthracene	13.963	228	434258	20.877	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	122136	20.942	ng		98
83) Chrysene	14.004	228	420313	20.538	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	259538	20.336	ng		100
85) Di-n-octyl phthalate	14.574	149	367790	19.510	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	309408	19.819	ng		100
88) Benzo(b)fluoranthene	15.016	252	335101	21.810	ng		100
89) Benzo(k)fluoranthene	15.045	252	292570	20.205	ng		100
90) Benzo(a)pyrene	15.386	252	259366	20.440	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	253816	19.845	ng		99
92) Benzo(g,h,i)perylene	17.410	276	260070	19.811	ng		98

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

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