Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135004.D
Acq On : 30 Aug 2023 14:16
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 31 03:40:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	165582	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	639467	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	319334	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	572283	20.000	ng	0.00
76) Chrysene-d12	13.963	240	271234	20.000	ng	0.00
86) Perylene-d12	15.427	264	262473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	990495	92.397	ng	0.00
7) Phenol-d6	6.422	99	1230474	92.090	ng	0.00
23) Nitrobenzene-d5	7.345	82	1086036	95.414	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	313266	92.478	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1758807	89.672	ng	0.00
79) Terphenyl-d14	12.910	244	1626928	97.885	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	222352	48.967	ng	99
3) Pyridine	3.240	79	601400	49.127	ng	99
4) n-Nitrosodimethylamine	3.216	42	298694	49.893	ng	99
6) Aniline	6.451	93	774837	46.778	ng	100
8) 2-Chlorophenol	6.563	128	512937	47.099	ng	97
9) Benzaldehyde	6.328	77	322048	47.302	ng	99
10) Phenol	6.434	94	643023	45.840	ng	92
11) bis(2-Chloroethyl)ether	6.522	93	500902	47.420	ng	99
12) 1,3-Dichlorobenzene	6.716	146	527000	46.968	ng	99
13) 1,4-Dichlorobenzene	6.792	146	521609	46.447	ng	99
14) 1,2-Dichlorobenzene	6.945	146	482240	46.017	ng	99
15) Benzyl Alcohol	6.922	79	424126	46.331	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	829338	46.884	ng	100
17) 2-Methylphenol	7.034	107	446263	47.024	ng	99
18) Hexachloroethane	7.286	117	198647	47.752	ng	91
19) n-Nitroso-di-n-propyla...	7.204	70	354820	44.706	ng	100
20) 3+4-Methylphenols	7.192	107	498400	44.516	ng	97
22) Acetophenone	7.192	105	651214	45.784	ng	99
24) Nitrobenzene	7.363	77	553224	47.382	ng	98
25) Isophorone	7.604	82	1024993	47.496	ng	100
26) 2-Nitrophenol	7.675	139	285918	49.564	ng	97
27) 2,4-Dimethylphenol	7.716	122	442181	47.611	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	612214	47.028	ng	98
29) 2,4-Dichlorophenol	7.916	162	419866	47.567	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	452985	47.489	ng	99
31) Naphthalene	8.081	128	1437437	46.016	ng	99
32) Benzoic acid	7.857	122	383891	51.529	ng	99
33) 4-Chloroaniline	8.133	127	633949	46.399	ng	98
34) Hexachlorobutadiene	8.192	225	255594	47.216	ng	97
35) Caprolactam	8.522	113	136781m	47.335	ng	
36) 4-Chloro-3-methylphenol	8.622	107	456802	47.647	ng	98
37) 2-Methylnaphthalene	8.775	142	962572	46.183	ng	98
38) 1-Methylnaphthalene	8.869	142	901226	46.212	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	424301	47.464	ng	99
41) Hexachlorocyclopentadiene	8.922	237	204038	53.626	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	285854	47.614	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	329458	47.401	ng	95
46) 1,1'-Biphenyl	9.239	154	1136412	46.578	ng	99
47) 2-Chloronaphthalene	9.263	162	871803	47.518	ng	98
48) 2-Nitroaniline	9.363	65	307173	48.909	ng	93
49) Acenaphthylene	9.680	152	1292411	46.599	ng	99
50) Dimethylphthalate	9.551	163	1059020	47.362	ng	99
51) 2,6-Dinitrotoluene	9.610	165	237746	48.457	ng	98
52) Acenaphthene	9.851	154	821526	46.481	ng	99
53) 3-Nitroaniline	9.780	138	272505	47.680	ng	99
54) 2,4-Dinitrophenol	9.886	184	130099	55.482	ng	94
55) Dibenzofuran	10.027	168	1151918	45.181	ng	98
56) 4-Nitrophenol	9.945	139	193600	48.189	ng	99
57) 2,4-Dinitrotoluene	10.016	165	287798	47.069	ng	97
58) Fluorene	10.369	166	878371	45.190	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	251274	46.949	ng	98
60) Diethylphthalate	10.251	149	969253	46.048	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	426129	44.322	ng	97
62) 4-Nitroaniline	10.398	138	267122	47.766	ng	99
63) Azobenzene	10.527	77	988325	46.633	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	180976	52.251	ng	98
66) n-Nitrosodiphenylamine	10.486	169	826679	46.458	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	283712	46.741	ng	94
68) Hexachlorobenzene	10.916	284	295519	47.084	ng	95
69) Atrazine	11.016	200	181856	49.394	ng	97
70) Pentachlorophenol	11.110	266	180507	47.537	ng	98
71) Phenanthrene	11.333	178	1360434	46.078	ng	100
72) Anthracene	11.386	178	1372096	45.486	ng	99
73) Carbazole	11.545	167	1181829	45.423	ng	99
74) Di-n-butylphthalate	11.880	149	1416089	45.151	ng	100
75) Fluoranthene	12.527	202	1315773	44.079	ng	100
77) Benzidine	12.651	184	156099	31.926	ng	99
78) Pyrene	12.757	202	1318170	51.186	ng	99
80) Butylbenzylphthalate	13.386	149	458195	49.251	ng	99
81) Benzo(a)anthracene	13.951	228	861681	46.573	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	254212	45.534	ng	99
83) Chrysene	13.992	228	857946	47.184	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	446339	46.359	ng	99
85) Di-n-octyl phthalate	14.568	149	721637	49.106	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	978296	55.335	ng	100
88) Benzo(b)fluoranthene	15.004	252	724292	44.349	ng	99
89) Benzo(k)fluoranthene	15.033	252	738911	46.833	ng	99
90) Benzo(a)pyrene	15.368	252	725383	47.813	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	793389	55.409	ng	99
92) Benzo(g,h,i)perylene	17.374	276	844139	56.682	ng	99

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

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