Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131070.D
Acq On : 08 Nov 2022 16:54
Operator : CG\JU
Sample : N5479-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

Quant Time: Nov 08 17:38:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	68482	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	238942	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	127672	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	197321	20.000	ng		0.00
76) Chrysene-d12	14.092	240	147214	20.000	ng		0.00
86) Perylene-d12	15.586	264	193874	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	563916	132.781	ng		0.02
7) Phenol-d6	6.534	99	651422	125.668	ng		0.00
23) Nitrobenzene-d5	7.469	82	448698	87.044	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	178707	127.136	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	780528	83.317	ng		0.00
79) Terphenyl-d14	13.027	244	749532	81.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	97637	48.358	ng	#	82
3) Pyridine	3.587	79	181823	32.396	ng		95
4) n-Nitrosodimethylamine	3.528	42	144599	45.817	ng		91
6) Aniline	6.563	93	128187	19.884	ng		95
8) 2-Chlorophenol	6.687	128	216581	45.843	ng		98
9) Benzaldehyde	6.457	77	104206	34.801	ng		96
10) Phenol	6.545	94	244743	40.291	ng		92
11) bis(2-Chloroethyl)ether	6.640	93	216496	49.134	ng		99
12) 1,3-Dichlorobenzene	6.845	146	235206	45.238	ng		97
13) 1,4-Dichlorobenzene	6.922	146	229036	42.300	ng		97
14) 1,2-Dichlorobenzene	7.069	146	245326	46.354	ng		98
15) Benzyl Alcohol	7.045	79	204497	45.165	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	385537	50.314	ng		99
17) 2-Methylphenol	7.151	107	177631	44.939	ng		97
18) Hexachloroethane	7.410	117	94531	46.084	ng		94
19) n-Nitroso-di-n-propyla...	7.316	70	157345	42.593	ng		98
20) 3+4-Methylphenols	7.304	107	199307	38.990	ng	#	82
22) Acetophenone	7.310	105	302033	47.479	ng	#	90
24) Nitrobenzene	7.487	77	239962	45.388	ng		97
25) Isophorone	7.722	82	445127	50.379	ng		98
26) 2-Nitrophenol	7.798	139	108597	48.231	ng		89
27) 2,4-Dimethylphenol	7.834	122	173418m	49.847	ng		
28) bis(2-Chloroethoxy)met...	7.934	93	270988	55.534	ng		98
29) 2,4-Dichlorophenol	8.045	162	164206	43.824	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	194079	47.503	ng		99
31) Naphthalene	8.210	128	553867	42.414	ng		99
32) Benzoic acid	7.957	122	112321	47.393	ng		95
33) 4-Chloroaniline	8.251	127	69688	13.647	ng		96
34) Hexachlorobutadiene	8.322	225	127115	47.658	ng		99
35) Caprolactam	8.628	113	47149m	41.013	ng		
36) 4-Chloro-3-methylphenol	8.739	107	189802	46.933	ng		98
37) 2-Methylnaphthalene	8.898	142	375478	45.194	ng		100
38) 1-Methylnaphthalene	8.998	142	341681	43.071	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	203945	49.557	ng		99
41) Hexachlorocyclopentadiene	9.051	237	185630	97.858	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	116678	42.512	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	131220	42.637	ng	97
46) 1,1'-Biphenyl	9.363	154	459317	46.189	ng	98
47) 2-Chloronaphthalene	9.392	162	362943	45.019	ng	98
48) 2-Nitroaniline	9.486	65	126935	42.839	ng	92
49) Acenaphthylene	9.810	152	569353	45.956	ng	99
50) Dimethylphthalate	9.663	163	368639	37.362	ng	100
51) 2,6-Dinitrotoluene	9.728	165	93739	44.659	ng	91
52) Acenaphthene	9.981	154	330160	43.521	ng	100
53) 3-Nitroaniline	9.898	138	50635	22.351	ng	88
54) 2,4-Dinitrophenol	10.010	184	78278	74.062	ng	95
55) Dibenzofuran	10.151	168	442672	43.100	ng	95
56) 4-Nitrophenol	10.063	139	113995	71.294	ng	93
57) 2,4-Dinitrotoluene	10.133	165	107565	39.445	ng	92
58) Fluorene	10.498	166	359156	39.152	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	98833	39.420	ng	97
60) Diethylphthalate	10.369	149	404452	39.333	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	179091	39.416	ng	91
62) 4-Nitroaniline	10.516	138	73217	31.529	ng	90
63) Azobenzene	10.651	77	380040	38.024	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	44962	35.909	ng	93
66) n-Nitrosodiphenylamine	10.610	169	317252	45.501	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	118242	47.693	ng	93
68) Hexachlorobenzene	11.045	284	122999	45.738	ng	97
69) Atrazine	11.133	200	106259	53.574	ng	99
70) Pentachlorophenol	11.239	266	112809	96.683	ng	97
71) Phenanthrene	11.463	178	487498	43.862	ng	99
72) Anthracene	11.516	178	482101	44.192	ng	99
73) Carbazole	11.675	167	391071	41.898	ng	99
74) Di-n-butylphthalate	11.998	149	520765	41.655	ng	99
75) Fluoranthene	12.657	202	451659	38.284	ng	98
77) Benzidine	12.780	184	73899	18.610	ng	98
78) Pyrene	12.886	202	478120	35.661	ng	100
80) Butylbenzylphthalate	13.504	149	219816	41.616	ng	97
81) Benzo(a)anthracene	14.080	228	498929	46.676	ng	98
82) 3,3'-Dichlorobenzidine	14.039	252	122688	42.238	ng	96
83) Chrysene	14.116	228	464556	45.765	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	290312	47.976	ng	99
85) Di-n-octyl phthalate	14.674	149	543854	63.068	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	422943	27.548	ng	97
88) Benzo(b)fluoranthene	15.151	252	609583	43.267	ng	98
89) Benzo(k)fluoranthene	15.180	252	578766	42.164	ng	100
90) Benzo(a)pyrene	15.527	252	542310	48.416	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	346681	27.521	ng	98
92) Benzo(g,h,i)perylene	17.586	276	317253	25.090	ng	94

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

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