Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
Data File : BF131897.D
Acq On : 04 Jan 2023 14:01
Operator : CG\JU
Sample : N6242-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 05 05:40:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	55380	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	204387	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	117287	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	214438	20.000	ng	0.00
76) Chrysene-d12	14.010	240	102889	20.000	ng	0.00
86) Perylene-d12	15.492	264	122269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	475743	142.364	ng	0.01
7) Phenol-d6	6.451	99	625993	142.581	ng	0.00
23) Nitrobenzene-d5	7.386	82	436799	85.326	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	172196	135.127	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	765943	89.450	ng	0.00
79) Terphenyl-d14	12.951	244	726688	119.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	65484	42.257	ng	96
3) Pyridine	3.316	79	181302	41.616	ng	99
4) n-Nitrosodimethylamine	3.281	42	90876	44.364	ng	99
6) Aniline	6.475	93	209742	39.391	ng	94
8) 2-Chlorophenol	6.598	128	167029	47.442	ng	94
9) Benzaldehyde	6.363	77	113340	40.233	ng	98
10) Phenol	6.463	94	238343	45.586	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	174193	46.590	ng	98
12) 1,3-Dichlorobenzene	6.751	146	186448	46.341	ng	97
13) 1,4-Dichlorobenzene	6.834	146	189124	46.643	ng	96
14) 1,2-Dichlorobenzene	6.981	146	177243	46.521	ng	98
15) Benzyl Alcohol	6.963	79	181428	47.123	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	226865	47.548	ng	99
17) 2-Methylphenol	7.075	107	148562	46.157	ng	98
18) Hexachloroethane	7.328	117	75879	46.344	ng	91
19) n-Nitroso-di-n-propyla...	7.234	70	143595	46.310	ng	98
20) 3+4-Methylphenols	7.228	107	191674	45.641	ng	96
22) Acetophenone	7.228	105	271727	45.348	ng	100
24) Nitrobenzene	7.404	77	225275	43.910	ng	99
25) Isophorone	7.645	82	396441	47.421	ng	100
26) 2-Nitrophenol	7.722	139	90099	45.169	ng	98
27) 2,4-Dimethylphenol	7.757	122	151118	53.111	ng	95
28) bis(2-Chloroethoxy)met...	7.857	93	218899	48.807	ng	99
29) 2,4-Dichlorophenol	7.963	162	154161	44.971	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	178397	43.893	ng	99
31) Naphthalene	8.128	128	483153	43.164	ng	100
32) Benzoic acid	7.886	122	73861	35.516	ng	92
33) 4-Chloroaniline	8.181	127	121658	28.326	ng	98
34) Hexachlorobutadiene	8.239	225	119103	42.833	ng	99
35) Caprolactam	8.551	113	41537m	40.925	ng	
36) 4-Chloro-3-methylphenol	8.669	107	172517	44.529	ng	96
37) 2-Methylnaphthalene	8.822	142	326583	43.473	ng	100
38) 1-Methylnaphthalene	8.922	142	301650	41.339	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	191013	46.382	ng	99
41) Hexachlorocyclopentadiene	8.969	237	179624	96.168	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	115715	43.871	ng	99

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44) 2,4,5-Trichlorophenol	9.145	196	120276	42.185	ng		94
46) 1,1'-Biphenyl	9.286	154	409449	45.598	ng		99
47) 2-Chloronaphthalene	9.310	162	327983	44.150	ng		97
48) 2-Nitroaniline	9.416	65	112968	41.487	ng		97
49) Acenaphthylene	9.728	152	494046	44.662	ng		99
50) Dimethylphthalate	9.592	163	388773	43.815	ng		99
51) 2,6-Dinitrotoluene	9.657	165	83395	43.416	ng		98
52) Acenaphthene	9.904	154	291432	43.653	ng		99
53) 3-Nitroaniline	9.828	138	54055	27.619	ng		94
54) 2,4-Dinitrophenol	9.939	184	84672	76.600	ng		95
55) Dibenzofuran	10.075	168	454574	44.194	ng		100
56) 4-Nitrophenol	9.998	139	109331	79.743	ng		89
57) 2,4-Dinitrotoluene	10.063	165	112703	42.904	ng		97
58) Fluorene	10.422	166	357039	42.519	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	89960m	38.448	ng		
60) Diethylphthalate	10.292	149	367901	43.079	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	195278	44.735	ng		99
62) 4-Nitroaniline	10.445	138	77948	38.215	ng		97
63) Azobenzene	10.569	77	411461	43.413	ng		95
65) 4,6-Dinitro-2-methylph...	10.475	198	58182	39.850	ng		91
66) n-Nitrosodiphenylamine	10.533	169	300212	45.895	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	114649	46.130	ng		98
68) Hexachlorobenzene	10.963	284	124030	45.429	ng		99
69) Atrazine	11.063	200	108342	50.310	ng		95
70) Pentachlorophenol	11.169	266	116029	85.886	ng		99
71) Phenanthrene	11.386	178	500818	42.470	ng		99
72) Anthracene	11.439	178	508112	44.047	ng		100
73) Carbazole	11.598	167	432451	42.464	ng		98
74) Di-n-butylphthalate	11.921	149	543741	44.173	ng		100
75) Fluoranthene	12.580	202	487996	35.528	ng		99
77) Benzidine	12.704	184	196870	116.433	ng		99
78) Pyrene	12.810	202	479536	55.606	ng		99
80) Butylbenzylphthalate	13.427	149	173809	54.338	ng		93
81) Benzo(a)anthracene	14.004	228	336358	45.153	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	75133	34.895	ng		99
83) Chrysene	14.039	228	314704	44.957	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	221094	56.769	ng	#	97
85) Di-n-octyl phthalate	14.604	149	347557	66.292	ng		100
87) Indeno(1,2,3-cd)pyrene	16.980	276	411576	52.985	ng		99
88) Benzo(b)fluoranthene	15.057	252	361925	40.370	ng		99
89) Benzo(k)fluoranthene	15.092	252	338741	39.105	ng		99
90) Benzo(a)pyrene	15.427	252	314183	45.265	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	344734	54.180	ng		99
92) Benzo(g,h,i)perylene	17.427	276	334810	44.872	ng		97

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

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