Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130647.D
Acq On : 13 Oct 2022 15:12
Operator : CG\JU
Sample : N5083-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 14 05:59:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.586	152	77728	20.000	ng		0.00
21) Naphthalene-d8	7.875	136	307422	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	167729	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	290119	20.000	ng		0.00
76) Chrysene-d12	13.727	240	155556	20.000	ng		0.00
86) Perylene-d12	15.104	264	152500	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.198	112	519508	120.476	ng		0.01
7) Phenol-d6	6.245	99	641680	118.358	ng		0.00
23) Nitrobenzene-d5	7.163	82	389855	69.229	ng		0.00
42) 2,4,6-Tribromophenol	10.410	330	221974	135.249	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	796017	71.888	ng		0.00
79) Terphenyl-d14	12.680	244	790024	84.293	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.246	88	86738	33.248	ng		98
3) Pyridine	2.904	79	206713	44.297	ng		99
4) n-Nitrosodimethylamine	2.875	42	115910	52.718	ng		96
6) Aniline	6.257	93	274397	42.275	ng	#	57
8) 2-Chlorophenol	6.375	128	262720	51.808	ng		97
9) Benzaldehyde	6.139	77	124836	36.650	ng		98
10) Phenol	6.257	94	321779	51.295	ng		97
11) bis(2-Chloroethyl)ether	6.334	93	229615	50.391	ng		98
12) 1,3-Dichlorobenzene	6.528	146	285993	51.508	ng		98
13) 1,4-Dichlorobenzene	6.604	146	294111	52.214	ng		99
14) 1,2-Dichlorobenzene	6.757	146	274232	52.275	ng		99
15) Benzyl Alcohol	6.745	79	205476	52.789	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.875	45	285180	48.646	ng		89
17) 2-Methylphenol	6.863	107	215084	53.320	ng		97
18) Hexachloroethane	7.092	117	107993	50.678	ng		95
19) n-Nitroso-di-n-propyla...	7.016	70	173727	49.667	ng		98
20) 3+4-Methylphenols	7.016	107	264357	48.907	ng		92
22) Acetophenone	7.010	105	371607	50.390	ng	#	99
24) Nitrobenzene	7.181	77	265884	46.949	ng		97
25) Isophorone	7.422	82	480518	51.268	ng		100
26) 2-Nitrophenol	7.492	139	144660	52.087	ng	#	89
27) 2,4-Dimethylphenol	7.545	122	224677	58.043	ng		99
28) bis(2-Chloroethoxy)met...	7.633	93	290798	53.584	ng		99
29) 2,4-Dichlorophenol	7.739	162	222680	51.418	ng		98
30) 1,2,4-Trichlorobenzene	7.816	180	234440	50.213	ng		97
31) Naphthalene	7.892	128	759447	47.723	ng		99
32) Benzoic acid	7.704	122	129814	53.011	ng		95
33) 4-Chloroaniline	7.951	127	170485	27.656	ng		99
34) Hexachlorobutadiene	8.010	225	146833	50.670	ng		97
35) Caprolactam	8.339	113	64180m	49.255	ng		
36) 4-Chloro-3-methylphenol	8.451	107	244564	52.061	ng		96
37) 2-Methylnaphthalene	8.586	142	508261	50.753	ng		98
38) 1-Methylnaphthalene	8.680	142	482242	49.605	ng		100
40) 1,2,4,5-Tetrachloroben...	8.751	216	241031	52.966	ng		99
41) Hexachlorocyclopentadiene	8.733	237	206412	113.861	ng		100
43) 2,4,6-Trichlorophenol	8.869	196	156724	51.292	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.916	196	170244	50.664	ng		95
46)	1,1'-Biphenyl	9.051	154	627772	51.645	ng		99
47)	2-Chloronaphthalene	9.075	162	492484	49.572	ng		99
48)	2-Nitroaniline	9.180	65	143409	47.953	ng		95
49)	Acenaphthylene	9.486	152	729430	49.002	ng		99
50)	Dimethylphthalate	9.363	163	581278	50.064	ng		99
51)	2,6-Dinitrotoluene	9.422	165	131190	51.510	ng		97
52)	Acenaphthene	9.657	154	434290	48.154	ng		99
53)	3-Nitroaniline	9.592	138	87540	31.356	ng		99
54)	2,4-Dinitrophenol	9.704	184	112604	86.344	ng	#	90
55)	Dibenzofuran	9.827	168	683330	49.737	ng		99
56)	4-Nitrophenol	9.775	139	161482	104.904	ng		98
57)	2,4-Dinitrotoluene	9.827	165	170241	52.010	ng	#	96
58)	Fluorene	10.169	166	562639	49.812	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.951	232	127308	47.522	ng		99
60)	Diethylphthalate	10.057	149	572042	49.380	ng		99
61)	4-Chlorophenyl-phenyle...	10.163	204	265245	51.941	ng		100
62)	4-Nitroaniline	10.210	138	118528	44.468	ng		98
63)	Azobenzene	10.322	77	514167	47.123	ng		99
65)	4,6-Dinitro-2-methylph...	10.233	198	83509	46.061	ng		84
66)	n-Nitrosodiphenylamine	10.286	169	478159	49.547	ng		99
67)	4-Bromophenyl-phenylether	10.651	248	172914	52.675	ng		97
68)	Hexachlorobenzene	10.710	284	197220	53.147	ng		98
69)	Atrazine	10.822	200	159358	60.641	ng		98
70)	Pentachlorophenol	10.916	266	155967	107.992	ng		96
71)	Phenanthrene	11.127	178	778014	48.403	ng		99
72)	Anthracene	11.180	178	787419	50.160	ng		99
73)	Carbazole	11.339	167	683733	48.811	ng		100
74)	Di-n-butylphthalate	11.674	149	864168	50.929	ng		99
75)	Fluoranthene	12.310	202	745494	48.257	ng		99
77)	Benzidine	12.439	184	267204	67.958	ng		98
78)	Pyrene	12.533	202	729607	54.367	ng		99
80)	Butylbenzylphthalate	13.163	149	276196	53.523	ng		99
81)	Benzo(a)anthracene	13.721	228	503442	48.031	ng		99
82)	3,3'-Dichlorobenzidine	13.686	252	120805	39.884	ng		96
83)	Chrysene	13.757	228	464789	46.769	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.721	149	342765	54.790	ng		99
85)	Di-n-octyl phthalate	14.327	149	492005	51.352	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.398	276	589233	51.623	ng		98
88)	Benzo(b)fluoranthene	14.727	252	502349	52.021	ng		99
89)	Benzo(k)fluoranthene	14.751	252	463244	47.113	ng		99
90)	Benzo(a)pyrene	15.051	252	432657	53.833	ng		98
91)	Dibenzo(a,h)anthracene	16.409	278	513314	54.865	ng		100
92)	Benzo(g,h,i)perylene	16.786	276	504922	57.943	ng		97

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

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