Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
Data File : BF137195.D
Acq On : 30 Jan 2024 13:25
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 31 04:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:27:00 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	54827	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	213261	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	124300	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	246365	20.000	ng	0.00
76) Chrysene-d12	13.974	240	138702	20.000	ng	0.00
86) Perylene-d12	15.456	264	129972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	291471	87.722	ng	0.00
7) Phenol-d6	6.428	99	394817	83.263	ng	0.00
23) Nitrobenzene-d5	7.357	82	404235	84.864	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	120790	86.046	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	739287	81.760	ng	0.00
79) Terphenyl-d14	12.921	244	863780	84.661	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	73128	41.132	ng	100
3) Pyridine	3.298	79	142914	40.284	ng	100
4) n-Nitrosodimethylamine	3.263	42	67096	38.454	ng	100
6) Aniline	6.463	93	223292	43.989	ng	100
8) 2-Chlorophenol	6.575	128	155275	41.795	ng	100
9) Benzaldehyde	6.345	77	82807	48.285	ng	100
10) Phenol	6.439	94	223388	42.205	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	146015	41.280	ng	100
12) 1,3-Dichlorobenzene	6.734	146	179233	41.147	ng	100
13) 1,4-Dichlorobenzene	6.810	146	183795	40.799	ng	100
14) 1,2-Dichlorobenzene	6.963	146	171700	40.764	ng	100
15) Benzyl Alcohol	6.934	79	151142	44.865	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	260222	40.840	ng	100
17) 2-Methylphenol	7.045	107	128625	41.441	ng	100
18) Hexachloroethane	7.304	117	66283	40.796	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	132818	40.852	ng	100
20) 3+4-Methylphenols	7.198	107	166820	42.457	ng	100
22) Acetophenone	7.204	105	239084	41.643	ng	100
24) Nitrobenzene	7.375	77	198207	42.872	ng	100
25) Isophorone	7.616	82	360004	40.946	ng	100
26) 2-Nitrophenol	7.692	139	72307	40.786	ng	100
27) 2,4-Dimethylphenol	7.728	122	107167	42.644	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	198336	42.479	ng	100
29) 2,4-Dichlorophenol	7.928	162	134763	43.227	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	160573	41.465	ng	100
31) Naphthalene	8.092	128	475056	41.205	ng	100
32) Benzoic acid	7.845	122	64214	41.684	ng	100
33) 4-Chloroaniline	8.145	127	171328	43.202	ng	100
34) Hexachlorobutadiene	8.210	225	105471	40.962	ng	100
35) Caprolactam	8.516	113	42913	44.268	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	154408	41.934	ng	100
37) 2-Methylnaphthalene	8.786	142	320798	41.504	ng	100
38) 1-Methylnaphthalene	8.886	142	300158	41.810	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	174393	41.930	ng	100
41) Hexachlorocyclopentadiene	8.939	237	88083	44.465	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	103735	43.973	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	112211	43.516	ng	100
46) 1,1'-Biphenyl	9.251	154	407196	41.174	ng	100
47) 2-Chloronaphthalene	9.275	162	302312	41.305	ng	100
48) 2-Nitroaniline	9.375	65	107771	45.495	ng	100
49) Acenaphthylene	9.692	152	486348	41.508	ng	100
50) Dimethylphthalate	9.557	163	350201	41.704	ng	100
51) 2,6-Dinitrotoluene	9.616	165	77608	43.341	ng	100
52) Acenaphthene	9.863	154	285583	41.465	ng	100
53) 3-Nitroaniline	9.786	138	69591	43.185	ng	100
54) 2,4-Dinitrophenol	9.886	184	25491	37.948	ng	100
55) Dibenzofuran	10.033	168	458703	41.868	ng	100
56) 4-Nitrophenol	9.945	139	50897	40.741	ng	100
57) 2,4-Dinitrotoluene	10.016	165	106187	45.703	ng	100
58) Fluorene	10.380	166	352222	41.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100745m	41.765	ng	
60) Diethylphthalate	10.257	149	349735	42.298	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	177396	41.552	ng	100
62) 4-Nitroaniline	10.404	138	71247	46.010	ng	100
63) Azobenzene	10.533	77	380485	41.550	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	51567	40.271	ng	100
66) n-Nitrosodiphenylamine	10.498	169	307199	41.009	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	112939	41.691	ng	100
68) Hexachlorobenzene	10.921	284	123359	40.768	ng	100
69) Atrazine	11.027	200	105719	42.751	ng	100
70) Pentachlorophenol	11.121	266	73235	45.256	ng	100
71) Phenanthrene	11.345	178	529571	41.060	ng	100
72) Anthracene	11.398	178	548789	40.823	ng	100
73) Carbazole	11.557	167	470877	41.913	ng	100
74) Di-n-butylphthalate	11.892	149	511548	42.122	ng	100
75) Fluoranthene	12.539	202	566553	41.979	ng	100
77) Benzidine	12.668	184	118384	50.827	ng	100
78) Pyrene	12.768	202	568119	42.622	ng	100
80) Butylbenzylphthalate	13.404	149	153447	45.002	ng	100
81) Benzo(a)anthracene	13.962	228	404762	41.206	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	110422	41.260	ng	100
83) Chrysene	13.998	228	399160	41.333	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	175668	44.282	ng	100
85) Di-n-octyl phthalate	14.592	149	260163	43.564	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	397733	43.557	ng	100
88) Benzo(b)fluoranthene	15.021	252	312651	39.115	ng	100
89) Benzo(k)fluoranthene	15.051	252	346005	40.919	ng	100
90) Benzo(a)pyrene	15.392	252	306706	40.774	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	314788	43.024	ng	100
92) Benzo(g,h,i)perylene	17.409	276	309836	43.146	ng	100

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

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