Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
Data File : BF137196.D
Acq On : 30 Jan 2024 13:54
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 31 04:40:21 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 :
SSTDICC050

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	53059	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	211434	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	124985	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	241129	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	130088	20.000	ng	0.00
86) Perylene-d12	15.451	264	128126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	351547	109.328	ng	0.00
7) Phenol-d6	6.428	99	485017	105.694	ng	0.00
23) Nitrobenzene-d5	7.357	82	488627	103.468	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	144812	102.593	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	871749	95.881	ng	0.00
79) Terphenyl-d14	12.921	244	1003642	104.883	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	84773	49.271	ng	95
3) Pyridine	3.299	79	181380	51.854	ng	97
4) n-Nitrosodimethylamine	3.263	42	87977	49.943	ng	95
6) Aniline	6.463	93	275600	56.104	ng	99
8) 2-Chlorophenol	6.581	128	193785	53.899	ng	94
9) Benzaldehyde	6.345	77	84421	50.867	ng	97
10) Phenol	6.445	94	273406	53.377	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	175357	51.227	ng	97
12) 1,3-Dichlorobenzene	6.734	146	214869	50.972	ng	99
13) 1,4-Dichlorobenzene	6.810	146	223648	51.300	ng	99
14) 1,2-Dichlorobenzene	6.963	146	208853	51.237	ng	98
15) Benzyl Alcohol	6.939	79	185821	56.998	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	306702	49.738	ng	99
17) 2-Methylphenol	7.045	107	164413	54.737	ng	98
18) Hexachloroethane	7.304	117	80851	51.421	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	161776	51.417	ng	96
20) 3+4-Methylphenols	7.204	107	204747	53.846	ng	89
22) Acetophenone	7.204	105	294428	51.726	ng	96
24) Nitrobenzene	7.375	77	239667	52.288	ng	100
25) Isophorone	7.616	82	434150	49.806	ng	98
26) 2-Nitrophenol	7.692	139	87404	49.190	ng	95
27) 2,4-Dimethylphenol	7.728	122	129922	52.146	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	236849	51.167	ng	99
29) 2,4-Dichlorophenol	7.928	162	163718	52.969	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	189906	49.464	ng	97
31) Naphthalene	8.098	128	572513	50.087	ng	99
32) Benzoic acid	7.857	122	87125m	52.328	ng	
33) 4-Chloroaniline	8.145	127	213828	54.384	ng	99
34) Hexachlorobutadiene	8.210	225	124977	48.957	ng	96
35) Caprolactam	8.522	113	52533	54.661	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	194037	53.151	ng	96
37) 2-Methylnaphthalene	8.786	142	383099	49.992	ng	98
38) 1-Methylnaphthalene	8.886	142	352889	49.580	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	206108	49.283	ng	99
41) Hexachlorocyclopentadiene	8.939	237	109283	54.864	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	126315	53.251	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.098	196	133459	51.472	ng		97
46)	1,1'-Biphenyl	9.251	154	486668	48.940	ng		99
47)	2-Chloronaphthalene	9.275	162	360613	49.001	ng		99
48)	2-Nitroaniline	9.375	65	131625	55.260	ng		99
49)	Acenaphthylene	9.692	152	577803	49.043	ng		99
50)	Dimethylphthalate	9.557	163	414033	49.035	ng		100
51)	2,6-Dinitrotoluene	9.616	165	96027	53.333	ng		97
52)	Acenaphthene	9.863	154	338796	48.922	ng		99
53)	3-Nitroaniline	9.786	138	92563	57.126	ng		97
54)	2,4-Dinitrophenol	9.886	184	35005	48.463	ng		96
55)	Dibenzofuran	10.039	168	536078	48.662	ng		98
56)	4-Nitrophenol	9.945	139	65521	51.360	ng		97
57)	2,4-Dinitrotoluene	10.022	165	125737	53.820	ng		89
58)	Fluorene	10.380	166	416724	48.253	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.151	232	122976m	50.702	ng		
60)	Diethylphthalate	10.263	149	411249	49.465	ng		97
61)	4-Chlorophenyl-phenyle...	10.375	204	207431	48.321	ng		99
62)	4-Nitroaniline	10.410	138	88670	56.947	ng		97
63)	Azobenzene	10.539	77	462956	50.279	ng		94
65)	4,6-Dinitro-2-methylph...	10.428	198	65400	50.755	ng		86
66)	n-Nitrosodiphenylamine	10.498	169	365215	49.813	ng		98
67)	4-Bromophenyl-phenylether	10.869	248	134818	50.848	ng		100
68)	Hexachlorobenzene	10.927	284	146131	49.343	ng	#	93
69)	Atrazine	11.027	200	125757	51.959	ng		98
70)	Pentachlorophenol	11.122	266	89567	56.550	ng		98
71)	Phenanthrene	11.345	178	623956	49.428	ng		99
72)	Anthracene	11.398	178	653446	49.664	ng		99
73)	Carbazole	11.557	167	558541	50.795	ng		99
74)	Di-n-butylphthalate	11.892	149	611145	51.416	ng		99
75)	Fluoranthene	12.539	202	660701	50.018	ng		99
77)	Benzidine	12.669	184	132330	60.577	ng		98
78)	Pyrene	12.769	202	674663	53.966	ng		99
80)	Butylbenzylphthalate	13.404	149	180050	56.300	ng		97
81)	Benzo(a)anthracene	13.963	228	462212	50.170	ng		100
82)	3,3'-Dichlorobenzidine	13.933	252	124524	49.610	ng		98
83)	Chrysene	13.998	228	456002	50.345	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.968	149	203154	54.602	ng		99
85)	Di-n-octyl phthalate	14.586	149	308903	55.150	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.956	276	480030	53.327	ng		100
88)	Benzo(b)fluoranthene	15.021	252	376022	47.721	ng		98
89)	Benzo(k)fluoranthene	15.051	252	407329	48.865	ng		99
90)	Benzo(a)pyrene	15.392	252	368763	49.730	ng		99
91)	Dibenzo(a,h)anthracene	16.980	278	387532	53.729	ng		98
92)	Benzo(g,h,i)perylene	17.409	276	376217	53.145	ng		99

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

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