Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
Data File : BF137198.D
Acq On : 30 Jan 2024 14:53
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 04:42:20 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 :
SSTDICC080

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	6.798	152	55230	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	211933	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	121364	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	231105	20.000	ng		0.00
76) Chrysene-d12	13.974	240	111190	20.000	ng		0.00
86) Perylene-d12	15.456	264	137026	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	556415	166.238	ng		0.01
7) Phenol-d6	6.439	99	741810	155.299	ng		0.01
23) Nitrobenzene-d5	7.369	82	750836	158.617	ng		0.01
42) 2,4,6-Tribromophenol	10.627	330	216866	158.224	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1260645	142.791	ng		0.00
79) Terphenyl-d14	12.921	244	1218913	149.028	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	133885	74.757	ng		97
3) Pyridine	3.304	79	291572	78.374	ng		95
4) n-Nitrosodimethylamine	3.281	42	156419	81.000	ng		98
6) Aniline	6.469	93	437303	85.522	ng		97
8) 2-Chlorophenol	6.581	128	295667	79.003	ng		100
10) Phenol	6.451	94	418048	78.407	ng		94
11) bis(2-Chloroethyl)ether	6.539	93	296561	83.229	ng		99
12) 1,3-Dichlorobenzene	6.739	146	329504	75.094	ng		98
13) 1,4-Dichlorobenzene	6.816	146	341477	75.249	ng		98
14) 1,2-Dichlorobenzene	6.963	146	316794	74.663	ng		99
15) Benzyl Alcohol	6.945	79	296348	87.327	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	448715	69.908	ng		99
17) 2-Methylphenol	7.051	107	254480	81.392	ng		98
18) Hexachloroethane	7.304	117	122859	75.066	ng		93
19) n-Nitroso-di-n-propyla...	7.222	70	247036	75.428	ng		99
20) 3+4-Methylphenols	7.210	107	305933	77.294	ng		93
22) Acetophenone	7.210	105	444131	77.842	ng	#	96
24) Nitrobenzene	7.386	77	367393	79.965	ng		94
25) Isophorone	7.622	82	663389	75.925	ng		98
26) 2-Nitrophenol	7.692	139	143317	78.910	ng	#	88
27) 2,4-Dimethylphenol	7.733	122	196569	78.710	ng		97
28) bis(2-Chloroethoxy)met...	7.833	93	359403	77.459	ng		99
29) 2,4-Dichlorophenol	7.933	162	248565	80.230	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	290609	75.516	ng		98
31) Naphthalene	8.098	128	859463	75.014	ng		99
32) Benzoic acid	7.886	122	153043m	78.248	ng		
33) 4-Chloroaniline	8.151	127	330354	83.823	ng		98
34) Hexachlorobutadiene	8.216	225	189858	74.197	ng		95
35) Caprolactam	8.539	113	77966m	80.933	ng		
36) 4-Chloro-3-methylphenol	8.633	107	290305	79.334	ng		97
37) 2-Methylnaphthalene	8.786	142	573792	74.700	ng		100
38) 1-Methylnaphthalene	8.886	142	523196	73.334	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	303653	74.774	ng		99
41) Hexachlorocyclopentadiene	8.939	237	171177	88.501	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	188016	81.627	ng		97
44) 2,4,5-Trichlorophenol	9.104	196	201066	79.861	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	9.257	154	717721	74.328	ng	98
47)	2-Chloronaphthalene	9.280	162	536223	75.037	ng	99
48)	2-Nitroaniline	9.375	65	200974	86.892	ng	91
49)	Acenaphthylene	9.692	152	857903	74.990	ng	99
50)	Dimethylphthalate	9.569	163	624394	76.155	ng	99
51)	2,6-Dinitrotoluene	9.622	165	143165	81.885	ng	96
52)	Acenaphthene	9.869	154	506172	75.271	ng	98
53)	3-Nitroaniline	9.792	138	139339	88.560	ng	97
54)	2,4-Dinitrophenol	9.892	184	64383	83.573	ng	97
55)	Dibenzofuran	10.039	168	784911	73.376	ng	98
56)	4-Nitrophenol	9.951	139	95137	80.013	ng	93
57)	2,4-Dinitrotoluene	10.027	165	186676	82.288	ng	96
58)	Fluorene	10.386	166	609245	72.650	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.157	232	184625m	78.390	ng	
60)	Diethylphthalate	10.263	149	609398	75.485	ng	99
61)	4-Chlorophenyl-phenyle...	10.380	204	295726	70.945	ng	97
62)	4-Nitroaniline	10.416	138	128887m	85.246	ng	
63)	Azobenzene	10.539	77	677108	75.732	ng	97
65)	4,6-Dinitro-2-methylph...	10.433	198	100931	78.779	ng	95
66)	n-Nitrosodiphenylamine	10.504	169	536502	76.349	ng	97
67)	4-Bromophenyl-phenylether	10.869	248	199479	78.499	ng	94
68)	Hexachlorobenzene	10.927	284	213537	75.231	ng	98
69)	Atrazine	11.033	200	175041	75.458	ng	98
70)	Pentachlorophenol	11.121	266	132938	87.574	ng	95
71)	Phenanthrene	11.351	178	885966	73.228	ng	99
72)	Anthracene	11.398	178	937903	74.376	ng	98
73)	Carbazole	11.557	167	774937	73.532	ng	99
74)	Di-n-butylphthalate	11.898	149	841630	73.878	ng	99
75)	Fluoranthene	12.539	202	842382	66.538	ng	98
77)	Benzidine	12.668	184	133691	71.601	ng	99
78)	Pyrene	12.768	202	835943	78.232	ng	99
80)	Butylbenzylphthalate	13.404	149	221835	81.156	ng	94
81)	Benzo(a)anthracene	13.962	228	612536	77.787	ng	99
82)	3,3'-Dichlorobenzidine	13.933	252	175407	81.759	ng	99
83)	Chrysene	14.004	228	589297	76.120	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.968	149	273071	85.868	ng	100
85)	Di-n-octyl phthalate	14.592	149	494088	103.205	ng	100
87)	Indeno(1,2,3-cd)pyrene	16.968	276	797369	82.828	ng	100
88)	Benzo(b)fluoranthene	15.027	252	616632	73.174	ng	99
89)	Benzo(k)fluoranthene	15.057	252	629617	70.626	ng	99
90)	Benzo(a)pyrene	15.398	252	602958	76.032	ng	99
91)	Dibenzo(a,h)anthracene	16.992	278	633830	82.169	ng	100
92)	Benzo(g,h,i)perylene	17.427	276	623571	82.365	ng	99

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

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