Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137023.D
Acq On : 10 Jan 2024 16:52
Operator : CG\JU
Sample : P1085-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 17:24:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	52443	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	186679	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	85304	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	135986	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	118403	20.000	ng		0.00
86) Perylene-d12	15.462	264	139432	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	282053	83.916	ng		0.01
7) Phenol-d6	6.439	99	429110	98.528	ng		0.00
23) Nitrobenzene-d5	7.351	82	274070	75.126	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	61539	61.254	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	513552	80.972	ng		-0.01
79) Terphenyl-d14	12.910	244	457883	54.042	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	62772	44.823	ng		98
3) Pyridine	3.369	79	147913	43.288	ng		95
4) n-Nitrosodimethylamine	3.340	42	82393m	45.154	ng		
6) Aniline	6.451	93	136259	31.293	ng	#	17
8) 2-Chlorophenol	6.581	128	163635	44.488	ng		91
9) Benzaldehyde	6.340	77	26616	10.744	ng		94
10) Phenol	6.451	94	194004	41.729	ng		91
11) bis(2-Chloroethyl)ether	6.522	93	158956	44.958	ng		98
12) 1,3-Dichlorobenzene	6.728	146	177943	44.347	ng		96
13) 1,4-Dichlorobenzene	6.804	146	182036	44.400	ng		96
14) 1,2-Dichlorobenzene	6.951	146	172110	45.114	ng		99
15) Benzyl Alcohol	6.934	79	130485	44.410	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	248058	42.912	ng		84
17) 2-Methylphenol	7.051	107	124028	40.703	ng	#	92
18) Hexachloroethane	7.286	117	64106	43.054	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	114176	43.247	ng		97
20) 3+4-Methylphenols	7.204	107	161133	42.328	ng	#	61
22) Acetophenone	7.192	105	230334	49.226	ng	#	87
24) Nitrobenzene	7.369	77	161011	44.059	ng		97
25) Isophorone	7.604	82	294702	44.395	ng		98
26) 2-Nitrophenol	7.681	139	84122	48.112	ng		94
27) 2,4-Dimethylphenol	7.728	122	116121	54.552	ng		93
28) bis(2-Chloroethoxy)met...	7.816	93	184260	45.665	ng		98
29) 2,4-Dichlorophenol	7.934	162	123607	45.104	ng		94
30) 1,2,4-Trichlorobenzene	8.004	180	141055	46.196	ng		98
31) Naphthalene	8.086	128	460823	44.934	ng		100
32) Benzoic acid	7.863	122	74112	35.983	ng		97
33) 4-Chloroaniline	8.139	127	52027	13.740	ng		96
34) Hexachlorobutadiene	8.192	225	86093	46.408	ng		95
35) Caprolactam	8.516	113	37134m	41.075	ng		
36) 4-Chloro-3-methylphenol	8.633	107	125963	40.829	ng		96
37) 2-Methylnaphthalene	8.775	142	282980	42.874	ng		100
38) 1-Methylnaphthalene	8.875	142	276438	42.691	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	138129	52.286	ng		99
41) Hexachlorocyclopentadiene	8.922	237	72084	85.235	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	81298	47.985	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	82869	43.892	ng		92
46) 1,1'-Biphenyl	9.239	154	363832	50.827	ng		99
47) 2-Chloronaphthalene	9.269	162	263315	48.387	ng		97
48) 2-Nitroaniline	9.369	65	77284	45.352	ng		98
49) Acenaphthylene	9.680	152	423150	50.873	ng		99
50) Dimethylphthalate	9.545	163	293622	47.124	ng		100
51) 2,6-Dinitrotoluene	9.616	165	64088	45.321	ng		93
52) Acenaphthene	9.857	154	239843	46.517	ng		96
53) 3-Nitroaniline	9.786	138	45898	30.640	ng		90
54) 2,4-Dinitrophenol	9.904	184	33182	44.097	ng		97
55) Dibenzofuran	10.027	168	361946	46.309	ng		98
56) 4-Nitrophenol	9.969	139	62734	62.038	ng		92
57) 2,4-Dinitrotoluene	10.022	165	74627	40.652	ng	#	92
58) Fluorene	10.375	166	279447	45.061	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	63371	43.604	ng		96
60) Diethylphthalate	10.245	149	280492	43.387	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	135437	44.930	ng		99
62) 4-Nitroaniline	10.404	138	51797	35.869	ng		92
63) Azobenzene	10.522	77	250234	41.442	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	26556	34.075	ng		100
66) n-Nitrosodiphenylamine	10.486	169	239199	54.149	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	77137	51.076	ng		93
68) Hexachlorobenzene	10.922	284	82905	49.260	ng		98
69) Atrazine	11.016	200	71600	63.371	ng		99
70) Pentachlorophenol	11.127	266	55500	70.748	ng		94
71) Phenanthrene	11.339	178	353488	50.661	ng		99
72) Anthracene	11.392	178	350978	49.669	ng		99
73) Carbazole	11.551	167	314203	47.161	ng		100
74) Di-n-butylphthalate	11.880	149	405785	49.914	ng		98
75) Fluoranthene	12.533	202	384263	51.485	ng		97
77) Benzidine	12.663	184	143027	40.968	ng		99
78) Pyrene	12.768	202	400421	34.450	ng		99
80) Butylbenzylphthalate	13.386	149	170993	40.430	ng		99
81) Benzo(a)anthracene	13.968	228	403379	49.062	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	113913	48.787	ng		99
83) Chrysene	14.004	228	375500	46.704	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	256992	48.295	ng		97
85) Di-n-octyl phthalate	14.568	149	474538	57.650	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	422472	41.965	ng		100
88) Benzo(b)fluoranthene	15.027	252	443155	47.586	ng		99
89) Benzo(k)fluoranthene	15.057	252	364613	41.435	ng		99
90) Benzo(a)pyrene	15.404	252	367763	46.783	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	347218	42.041	ng		96
92) Benzo(g,h,i)perylene	17.451	276	309241	36.557	ng		98

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

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